FEDERAL ITEM IDENTIFICATION GUIDE

CONVERTERS, ELECTRICAL, NONROTATING

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Commander

Defense Logistics Information Service

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BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

Contents

GENERAL INFORMATION

1. Purpose and Scope

This Federal Item Identification Guide (FIIG) is a self-contained document for the collection, coding, transmittal, and retrieval of item characteristics and related supply management data for an item of supply for logistical use. This FIIG is to be used to describe items of supply identified by the index of approved item names appearing in this section.

2. Contents

This FIIG is comprised of the following:

Index of Approved Item Names Covered by this FIIG
Applicability Key Index
Section I - Item Characteristics Data Requirements
Section III - New text that should be here.
Appendix A - Reply Tables
Appendix B - Reference Drawing Groups (as applicable)
Appendix C - Technical Data Tables (as applicable)

a. Index of Approved Item Names Covered by this FIIG:

The index lists the approved item names with definitions and item name codes as they appear in Cataloging Handbook H6, applicable to this FIIG. In addition, each name entry is assigned an applicability key for use in relating the characteristics requirements in Section I to the specific item name.

b. Applicability Key Index:

The purpose of this index is to provide the user with a ready reference for determining the specific requirements which are applicable to a given approved item name. This index lists all requirements in sequence as they appear in the FIIG. The applicability of a Master Requirement Coded requirement is indicated by the column headed by the specific item name applicability key as follows:

(1) The letter "X" indicates the requirement must be answered for a full descriptive item.

(2) The letters "AR" indicate the requirement is to be answered as required by (1) instructional notes within the FIIG; (2) when the reply is predicated on replies to a related main requirement; or (3) when an asterisk (*) is used in conjunction with the applicability key column in Section I.

(3) A blank in the column indicates the requirement is not applicable to the specific item name.

c. Section I - Item Characteristics Data Requirements:

This section contains the physical and performance characteristics requirements needed to describe and identify an item of supply. These characteristics differentiate one item from all other items of supply and are to be used to meet the needs of all supported functions. This section is arranged in columns. Identification of each column and instructions pertinent thereto are as follows:

(1) Applicability Key:

The first column shows the applicability key(s) for each requirement. It indicates whether the requirement need be satisfied for the item being identified. "ALL" indicates that the requirement must be answered for all items covered by the FIIG. One or more alphabetic character(s) or group of one or more alphabetic characters indicates a response is required when describing items with an approved item name or names represented by the key(s). An asterisk (*) used in conjunction with any applicability key indicates that the characteristic stated in the requirement may not be applicable to all items covered by the FIIG.

(2) Master Requirement Codes (MRC):

A four-position code which is assigned to a FIIG requirement for identification of the requirement, cross-referencing requirements in the various sections and appendices of the FIIG, and for mechanized processing and retrieval of FIIG generated data. Absence of a MRC for a requirement indicates a lead-in to requirements with individual MRCs in Appendix B.

(a) The coding technique for providing MULTIPLE/OPTIONAL responses will not be used for a Section I requirement assigned Mode Code A or L that leads to Appendix B sketches with dimensional requirements.

(b) Identified Secondary Address Coding:

This technique is for extending the Master Requirement Code so that a unique address is provided for each application of the requirement in relation to the item and is authorized only as instructed within the requirement. Responses coded through this technique will always consist of the following: (1) Master Requirement Codes, (2) indicator code (a single numeric character determined by the number of positions contained), (3) identified secondary address code (1 to 3-digit alphabetic codes determined by the number of predicted replies), (4) the mode code, (5) the reply code and/or clear text response, and (6) end with a record separator (*). Steps (1) through (6) are repeated for each application of the requirement.

(c) AND/OR coding:

A technique for extending the Master Requirement Code to provide a distinctive address for multiple responses to the same requirement. Responses coded through this technique will always consist of (1) Master Requirement Code, (2) mode code, (3) the response or reply code (as instructed by the requirement), (4) a single dollar sign ($) for an OR condition, or a double dollar sign ($$) for an AND condition, (5) the mode code, (6) the response or reply code

(followed by conditions (4) through (6) for each of the multiple responses) and (7) end with a record separator (*). NOTE: Apply this technique only when instructed by the requirement sample reply (e.g.).

(3) Mode Code:

A one-position alphabetic code that specifies the manner in which a response will be prepared. Each requirement assigned a MRC is also assigned a mode code. Sample replies follow each FIIG requirement displaying the proper construction of a response for the assigned mode code. The response to a requirement will always be prepared in accordance with the assigned mode code and sample reply except in the following instances:

(a) Use of E Mode Code replies is not authorized. If a reply needed to describe an item is not listed in the applicable table, contact the FIIG Initiator.

(b) Mode Code K may not be used for any requirement unless instructed by the requirement instructions.

(4) Requirement:

This portion includes the characteristics data elements and data use identifiers required to identify and differentiate one item of supply from another, narrative definitions, and explanations as to use and method of expression. Instructions for coding and preparing replies are also provided.

(5) Reply Code:

A code that represents an established authorized reply to a requirement.

d. Section III - Supplementary Technical and Supply Management Data:

This section includes those characteristics requirements necessary to support specific logistics functions other than National Stock Number assignment.

e. Appendix A - Reply Tables:

Tables of authorized replies to requirements and reply codes when the tables are too lengthy for inclusion in Section I/III, when applicable.

f. Appendix B - Reference Drawings:

This appendix contains representative illustrations which portray specific variations of one or more generic characteristics. If reference drawings contain requirements pages to be used in conjunction with illustrations for dimensioning purposes, the requirements pages will contain Master Requirement Codes, mode codes, and a statement of the requirement. A response to requirements on a requirements page is necessary only for those Master Requirement Codes applicable to the illustration selected.

g. Appendix C - Technical Data Tables:

This appendix contains conversion charts and similar data pertinent to the requirements in Section I/III, when applicable.

3. Enter administrative MRC CLQL immediately following the last FIIG requirement reply, as instructed below:

MRC	Mode Code	Requirement	Example
CLQL	G	COLLOQUIAL NAME (common usage name by which an item is known)	CLQLGWOVEN WIRE CLOTH*

4. Special Instructions and Indicator Definitions

a. Measurements:

Unless otherwise indicated within a requirement example, enter all measurements in decimal form, carried to the nearest three decimal places, with a minimum of one digit preceding the decimal. For SI (metric), enter all measurements with a minimum of one digit before and after the decimal. For fraction to decimal conversion, see Appendix C.

b. Indicators:

A cross hatch (#) following an AIN, MRC, Reply Code or Drawing Number indicates for "ALL EXCEPT USA" use only.

5. Indexes

a. Index of Data Requirements

This index is arranged in alphabetic sequence by Master Requirement Code, cross-referenced to the applicable data requirement and page number(s).

b. Index of Approved Item Names

This index is arranged in alphabetic sequence referenced to Applicability Key.

c. Applicability Key Index

This index is arranged in Applicability Key Sequence.

6. Maintenance

Requests for revisions and other changes will be directed to:

MRC Index

INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

Approved Item Name	INC	App Key
CHOPPER, ELECTRONIC	19759	KA

An electromechanical or electronic (includes solid state semiconductor items) device designed to convert an electrical signal into a modified square wave output signal. For items excited by an alternating current, the output signal is the same frequency as, and bears a definite phase relationship to, the excitation voltage. For those electronic items designed to operate on direct current only, the output frequency of the item is dependent upon the inherent properties of the item, or the internal or external circuit constants, or the applied driving coil voltage impressed on the input signal. For an electromechanical item whose coil is designed for direct current only, see VIBRATOR, INTERRUPTER and VIBRATOR, SELF-RECTIFYING.

CONTROLLER, KILOWATT HOUR METER	50807	CB

A device intended to monitor and regulate power to individual loads after the utility company meter.

CONVERTER, FREQUENCY, STATIC	00330	HA

An item utilizing electron tubes, transistors, and/or semiconductor devices forming rectifier and electronic keying or switching circuitry, that is inserted between a load designed to operate at one frequency and a power supply line rated at another frequency. For items performing the same function by heterodyne action at either radio or power line frequencies, see CONVERTER, FREQUENCY, ELECTRONIC. For items that perform this function by means of rotary equipment, see MOTOR-GENERATOR. See also DIVIDER-MULTIPLIER, FREQUENCY; FREQUENCY DIVIDER; FREQUENCY MULTIPLIER; and MIXER STAGE, FREQUENCY.

CONVERTER, TELEGRAPH-TELEPHONE SIGNAL	06812	AA

An electronic device which receives, converts and transmits ringing and/or supervisory or other messages over a communication circuit in the form of audio frequency tones. May include integral interrupters, oscillators and hybrid and filter networks. Excludes GENERATOR, RINGING, STATIC and GENERATOR, RINGING, MACHINE.

Generator

1. (Electrical) A rotating machine that converts mechanical energy into electrical energy.

GENERATOR (1), RINGING, HAND	00325	EA

A manually operated generator which is a primary source of telephone ringing current, the output of which is employed to operate telephone ringers and/or signals.

Approved Item Name	INC	App Key
GENERATOR, SIGNAL	03901	JA

An instrument which produces a continuous audio and/or radio frequency voltage, and which is designed for test purposes only. It may provide an output at one or more fixed frequencies or be continuously variable over one or more bands. The fixed frequency type is distinguished from CALIBRATOR, FREQUENCY in that it is a voltage source and is not primarily intended for checking frequencies from other sources. Excludes GENERATOR, INTERFERENCE.

GENERATOR, SIGNAL DATA	52010	JA

An electronic test instrument, designed to output serial and/or parallel data pulses of variable widths and logic levels, for testing digital systems. Instrument may be portable or rack mounted as part of a larger test set. See also GENERATOR (as modified).

INVERTER, VIBRATOR	00858	KA

A device which utilizes a VIBRATOR, INTERRUPTER and associated transformer or other inductive coil device to convert a direct current input into a stepped-up alternating current output. The direct current source is chopped (or inverted) to produce a square wave output. For items of similar design, but without the associated transformer function, see VIBRATOR, INTERRUPTER.

METER, ENERGY MONITORING	51318	CB

A device designed to monitor and analyze electrical demand and usage to specifically defined power areas and/or equipment.

MONITOR, CRT, TAPE RECORDER	62194	GC

A device which represents operational information on the screen of a cathode ray tube(s) for the purpose of real time monitoring of signals, as they are being recorded or reproduced on magnetic tape. It may be designed for single or multiple channel use and consists either of a single cathode ray tube for simultaneous multichannel display or multiple cathode ray tubes, mounted in-line on a single rack, for individual channel display. It may contain special features for providing output signals for external monitoring and/or recording devices.

MONITOR, WAVEFORM	38720	GC

A test instrument designed to give visual indication on a cathode ray tube. It is used to view a composite video waveform, base a time interval. For item designed to monitor and analyze waveforms see ANALYZER, SPECTRUM. For multipurpose items see OSCILLOSCOPE.

OSCILLOSCOPE	00357	GA

A test instrument which is designed to give visual indications on a cathode ray tube of instantaneous values and variations in electrical voltage. It can also be used to indicate any quantity which can be converted into terms of electrical potential. It may include an integral pulse generator, the output of which can be used to trigger an external component; be triggered by pulses from an external source, or it may utilize a special type of multigun cathode ray tube and circuitry which permits a trace(s) to be sustained and displayed indefinitely and the trace(s) may be erased when desired. For items which are not separable and operable when detached from equipment of which they are a part (built into operational end equipment), see INDICATOR (2) (as modified), MONITOR (as modified), RECORDER (as modified). See also OSCILLOGRAPH.

Approved Item Name	INC	App Key
OSCILLOSCOPE MAINFRAME	37854	GB

A test instrument, which when used with one or more PLUG-IN UNIT, ELECTRONIC TEST EQUIPMENT performs as an OSCILLOSCOPE. It consists of a cathode ray tube, a means for connecting one or more PLUG-IN UNIT, ELECTRONIC TEST EQUIPMENT, and the switching circuitry necessary to integrate for use as an OSCILLOSCOPE. For a mainframe with PLUG-IN UNIT, ELECTRONIC TEST EQUIPMENT already included, see OSCILLOSCOPE.

POWER SUPPLY-SYNCHRONIZER GROUP	16692	CB

A collection of items, two or more being major electronic components, which may be part of a set or added to a set to provide power supply and synchronizer facilities.

RECTIFIER ASSEMBLY, METALLIC	20974	LB

Two or more individual rectifiers having a common mounting or mounted on each other, or two or more individual rectifiers fabricated into a common inseparable body. Each rectifier must have individual ratings. For rectifiers with an over-all circuit rating, see RECTIFIER, METALLIC. See also RECTIFIER SET, METALLIC.

RECTIFIER SET, METALLIC	19768	LA

A grouping of two or more separate metallic rectifiers. For items on a common mounting or mounted on each other, see RECTIFIER ASSEMBLY, METALLIC. For complete power supplies utilizing metallic rectifiers, see POWER SUPPLY.

VIBRATOR, INTERRUPTER	00743	KA

An electromechanical device which uses a coil operated switching mechanism to convert a direct current input into a pulsating direct current output of the same value. The direct current input is periodically interrupted at the resonant frequency of a coil driven vibrating armature (reed). The resultant pulsating direct current output produces an inherent alternating current component necessary for ultimate purposes of transformation. It does not include a means of amplification or rectification. For items designed to operate over a wide and comparatively high frequency range and whose drive coil may be excited from either an alternating current or a direct current, see CHOPPER, ELECTRONIC.

VIBRATOR, SELF-RECTIFYING	00744	KA

An electromechanical device which interrupts the direct current input by means of a coil-driven vibrating armature (reed) whose contacts alternately open and close the direct current circuit. It is equipped with a second set of contacts which operate in synchronism with the first set and are mounted on either the same or a separate (split) armature to rectify the stepped-up alternating current voltage obtained from an external transformer secondary to produce a pulsating direct current output. For items designed to operate over a wide and comparatively high frequency range and whose coil may be excited from either an alternating current or a direct current, see CHOPPER, ELECTRONIC.

VOLTAGE REGULATOR GROUP	16693	CB

APPLICABILITY KEY INDEX

	AA
NAME	X
ANEQ	X
BGGY	X
BGHB	AR
BGHC	AR
BGHD	AR
BGHF	AR
BGHG	X
BGHH	X
BGHJ	X
ADAV	AR
ABHP	AR
ABMK	AR
ABKW	AR
ABFY	AR
ADUM	AR
AKWC	AR
ACYN	AR
ACZB	AR
FAAZ	AR
ACYR	AR
ALSF	AR
AKWA	AR
AKWB	AR
CBBL	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ENAC	AR
ELRN	AR
ELCD	AR
AFJK	AR
AGAV	AR
ALCD	AR
PRMT	AR
PMWT	AR
PMLC	AR
SUPP	AR
FCLS	AR
FTLD	AR
TMDN	AR

RTSE	AR
RDAL	AR
NTRD	AR
ZZZP	AR
ZZZV	AR
CXCY	AR

	CB
NAME	X
ALFK	X
AEAS	AR
AJJY	AR
AJJZ	AR
AJKA	AR
AJKB	AR
CBBL	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ENAC	AR
ELRN	AR
ELCD	AR
AFJK	AR
AGAV	AR
ALCD	AR
PRMT	AR
PMWT	AR
PMLC	AR
SUPP	AR
FCLS	AR
FTLD	AR
TMDN	AR
RTSE	AR
RDAL	AR
NTRD	AR
ZZZP	AR
ZZZV	AR
CXCY	AR

	EA
NAME	X
ASEA	X
APQB	X
BGQJ	AR
ADTV	AR
ADAV	AR
ABHP	AR
ABMK	AR
ABKW	AR
ABFY	AR
ADUM	AR
AKWA	AR
AKWB	AR
CBBL	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ENAC	AR
ELRN	AR
ELCD	AR
AFJK	AR
AGAV	AR
ALCD	AR
PRMT	AR
PMWT	AR
PMLC	AR
SUPP	AR
FCLS	AR
FTLD	AR
TMDN	AR
RTSE	AR
RDAL	AR
NTRD	AR
ZZZP	AR
ZZZV	AR
CXCY	AR

FIIG T
Section Parts

	GA	GB	GC
NAME	X	X	X
BGQK	AR	AR	AR
ATES	X	X	X
BGQL	X		X
BGQM	AR		AR
BGQN	AR		AR
BGQP	AR		AR
BGQQ	AR		
BGRZ	AR		
BGSB	AR		
BGSC	AR		
BGSD	AR		AR
BHDD	X		
BHDF	AR		
BHDG	AR		
BHDH	X		
BHDJ	AR		
BHDK	AR		
BHDL	X		
BHDM	AR		
BHDN	AR		
BHDP	X		X
BHDQ	AR		AR
BHDR	AR		AR
BHDS	AR		AR
BHDT	X		X
BHDW	AR		AR
BHDX	AR		AR
BHDY	AR		AR
BHDZ	AR		
BHFB	AR		
BDJD	AR		
BHFC	AR		
BHFD	AR		
BHFF	X	X	AR
AWEC	AR	AR	AR
BHFH	X	X	
BHFJ	AR	AR	
BHFK	AR	AR	
BHFL	AR	AR	
BHFM	AR	AR	
BHFN	AR	AR	
BHFP	AR	AR	
BHFQ	AR	AR	
BHFR	AR	AR	
BHFS	AR	AR	AR
BHFT	X	X	X
ACDC	X	X	X
AMSE	AR	AR	AR
ACZB	AR	AR	AR
FAAZ	AR	AR	AR
ACUT	AR	AR	AR
ABHP	AR	AR	AR

ADAV	AR	AR	AR
ABMK	AR	AR	AR
ABKW	AR	AR	AR
ABFY	AR	AR	AR
AXGY	AR	AR	AR
AKYD	AR	AR	AR
AKWA	AR	AR	AR
AKWB	AR	AR	AR
CBBL	AR	AR	AR
FEAT	AR	AR	AR
TEST	AR	AR	AR
SPCL	AR	AR	AR
ZZZK	AR	AR	AR
ZZZT	AR	AR	AR
ZZZW	AR	AR	AR
ZZZX	AR	AR	AR
ZZZY	AR	AR	AR
CRTL	AR	AR	AR
PRPY	AR	AR	AR
ENAC	AR	AR	AR
ELRN	AR	AR	AR
ELCD	AR	AR	AR
AFJK	AR	AR	AR
AGAV	AR	AR	AR
ALCD	AR	AR	AR
PRMT	AR	AR	AR
PMWT	AR	AR	AR
PMLC	AR	AR	AR
SUPP	AR	AR	AR
FCLS	AR	AR	AR
FTLD	AR	AR	AR
TMDN	AR	AR	AR
RTSE	AR	AR	AR
RDAL	AR	AR	AR
NTRD	AR	AR	AR
ZZZP	AR	AR	AR
ZZZV	AR	AR	AR
CXCY	AR	AR	AR

	HA
NAME	X
APTS	X
ANRQ	AR
BGQR	X
BGQS	X
BGQT	X
AQAR	AR
FAAZ	X
APFN	AR
BGQW	X
APTQ	AR
ANPM	AR
ABRY	AR
ABMZ	AR
ABGL	AR
HGTH	AR
AXGY	X
ALGC	AR
AARA	AR
AARB	AR
BGQX	X
BGQY	X
BFMF	AR
CBBL	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ENAC	AR
ELRN	AR
ELCD	AR
AFJK	AR
AGAV	AR
ALCD	AR
PRMT	AR
PMWT	AR
PMLC	AR
SUPP	AR
FCLS	AR
FTLD	AR
TMDN	AR
RTSE	AR
RDAL	AR
NTRD	AR
ZZZP	AR
ZZZV	AR
CXCY	AR

	JA
NAME	X
AFGQ	X
BHFW	AR
ANLC	AR
BHFX	AR
BDHW	AR
BHFY	AR
BHFZ	AR
BHGB	AR
BHGC	AR
AMNE	AR
BHGD	AR
AYYE	AR
BHQD	AR
BHQF	AR
BHQG	AR
ACDC	AR
AMSE	AR
ACZB	AR
FAAZ	AR
ALSF	AR
ADTV	AR
ADTY	AR
ABHP	AR
ADAV	AR
ABMK	AR
ABKW	AR
AAXX	AR
AFHS	AR
AKVY	AR
AZCG	AR
AKVZ	AR
AKWA	AR
AKWB	AR
CBBL	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ENAC	AR
ELRN	AR
ELCD	AR
AFJK	AR
AGAV	AR
ALCD	AR
PRMT	AR
PMWT	AR

PMLC	AR
SUPP	AR
FCLS	AR
FTLD	AR
TMDN	AR
RTSE	AR
RDAL	AR
NTRD	AR
ZZZP	AR
ZZZV	AR
CXCY	AR

	KA
NAME	X
APQB	X
BGQZ	AR
APNX	X
AZSL	AR
BGRB	X
BGRC	AR
BGRD	AR
BGRF	AR
BGRG	AR
BGRH	X
APPA	AR
AQYD	AR
APTS	AR
BGRJ	AR
APFR	AR
BGRK	AR
BGRL	AR
BGRM	AR
BGRN	X
BGRP	X
AXNN	X
ADTV	AR
AFGA	X
AARA	AR
AARB	AR
BGRQ	AR
ABHQ	AR
BGRR	AR
ADAV	AR
ABHP	AR
ABMK	AR
ABKW	AR
ABFY	AR
ADUM	AR
BGRS	X
AWET	AR
BGRT	AR
BGRW	AR
AXGY	AR
ABDR	AR
AKPV	AR
AWYX	AR
ALGC	AR
BGRX	AR
APAG	AR
BGRY	AR
CBBL	AR
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR

ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ENAC	AR
ELRN	AR
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AGAV	AR
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PMLC	AR
SUPP	AR
FCLS	AR
FTLD	AR
TMDN	AR
RTSE	AR
RDAL	AR
NTRD	AR
ZZZP	AR
ZZZV	AR
CXCY	AR

	LA	LB
NAME	X	X
BHQH	X	
BHQJ		X
BHQK		X
BHQL	X	
BHQM	X	
APBT	X	X
FAAZ	X	X
BHQN	X	X
ASCT	X	X
BHQP	X	X
ASCX	AR	AR
BHQQ	X	X
AYNH		X
ABHP		AR
ABMK		AR
ADAV		AR
ABKW		AR
ABFY		AR
BHQR	AR	
AXGY		AR
ALGC		AR
AARA		X
AARB		AR
AERK		AR
SURF		AR
AKNA		AR
CBBL	AR	AR
FEAT	AR	AR
TEST	AR	AR
SPCL	AR	AR
ZZZK	AR	AR
ZZZT	AR	AR
ZZZW	AR	AR
ZZZX	AR	AR
ZZZY	AR	AR
CRTL	AR	AR
PRPY	AR	AR
ENAC	AR	AR
ELRN	AR	AR
ELCD	AR	AR
AFJK	AR	AR
AGAV	AR	AR
ALCD	AR	AR
PRMT	AR	AR
PMWT	AR	AR
PMLC	AR	AR
SUPP	AR	AR
FCLS	AR	AR
FTLD	AR	AR
TMDN	AR	AR
RTSE	AR	AR
RDAL	AR	AR

NTRD	AR	AR
ZZZP	AR	AR
ZZZV	AR	AR
CXCY	AR	AR

Body

SECTION: A

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index in the General Information Section. (e.g., NAMED06812*)

ALL			
	ANEQ	D	SIGNAL TYPE

Definition: INDICATES THE TYPE OF SIGNALLING THE ITEM WILL PERFORM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANEQDBY*; ANEQDBY$$DBZ*)

REPLY CODE	REPLY (AJ52)
A	ANY ACCEPTABLE
BY	RING DOWN
BZ	SUPERVISORY

ALL			
	BGGY	D	SWITCHBOARD SIDE CURRENT TYPE

Definition: INDICATES THE TYPE OF SWITCHBOARD SIDE CURRENT, WHETHER ALTERNATING OR DIRECT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BGGYDB*; BGGYDB$$DC*; BGGYDB$DC*)

REPLY CODE	REPLY (AB62)
B	AC
C	DC

APP Key	MRC	Mode Code	Requirements
ALL*			
	BGHB	J	RECEIVED SWITCHBOARD SIGNAL FREQUENCY RATING

Definition: THE NUMBER OF COMPLETE CYCLIC CHANGES, PER UNIT OF TIME, FOR WHICH THE SWITCHBOARD RECEIVED SIGNAL IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BGHBJEA20.0*; BGHBJEB16.0$$JEC20.0*; BGHBJKA1.5$$JKA2.4*)

Table 1

REPLY CODE	REPLY (AC32)
G	GIGAHERTZ
E	HERTZ
K	KILOHERTZ
M	MEGAHERTZ

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements
ALL*			
	BGHC	J	TRANSMITTED SWITCHBOARD SIGNAL FREQUENCY RATING

Definition: THE NUMBER OF COMPLETE CYCLIC CHANGES, PER UNIT OF TIME, FOR WHICH THE SWITCHBOARD TRANSMITTED SIGNAL IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BGHCJEA30.0*; BGHCJEB16.0$$JEC60.0*; BGHCJKA1.5$$JKA2.4*)

Table 1

REPLY CODE	REPLY (AC32)
G	GIGAHERTZ
E	HERTZ
K	KILOHERTZ
M	MEGAHERTZ

APP Key	MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

BGHD J RECEIVED SIGNAL DC VOLTAGE RATING

Definition: THE VALUE, OR RANGE OF VALUES, OF DIRECT CURRENT POTENTIAL FOR WHICH THE RECEIVED SIGNAL IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BGHDJVA48.0*; BGHDJVB105.0$$JVC120.0*)

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGAVOLTS
U	MICROVOLTS
L	MILLIVOLTS
V	VOLTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

BGHF J TRANSMITTED SIGNAL DC VOLTAGE RATING

Definition: THE VALUE, OR RANGE OF VALUES, OF DIRECT CURRENT POTENTIAL FOR WHICH THE TRANSMITTED SIGNAL IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BGHFJVA48.0*; BGHFJVB105.0$$JVC120.0*)

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGAVOLTS

APP Key	MRC	Mode Code	Requirements
		U	MICROVOLTS
		L	MILLIVOLTS
		V	VOLTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

BGHG J TRANSMITTED LINE SIGNAL FREQUENCY RATING

Definition: THE NUMBER OF COMPLETE CYCLIC CHANGES, PER UNIT OF TIME, FOR WHICH THE TRANSMITTED LINE SIGNAL IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BGHGJEA100.0*; BGHGJKB0.5$$JKC1.0*; BGHGJKA1.2$$JKA1.6*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., BGHGKN*)

Table 1

REPLY CODE	REPLY (AC32)
G	GIGAHERTZ
E	HERTZ
K	KILOHERTZ
M	MEGAHERTZ

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

BGHH J RECEIVED LINE SIGNAL FREQUENCY RATING

APP Key	MRC	Mode Code	Requirements

Definition: THE NUMBER OF COMPLETE CYCLIC CHANGES, PER UNIT OF TIME, FOR WHICH THE RECEIVED LINE SIGNAL IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BGHHJKA304.0*; BGHHJKA1.2$$JKA1.6*; BGHHJKB0.5$$JKC1.0*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., BGHHKN*)

Table 1

REPLY CODE	REPLY (AC32)
G	GIGAHERTZ
E	HERTZ
K	KILOHERTZ
M	MEGAHERTZ

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

BGHJ A COMMUNICATION CIRCUIT QUANTITY

Definition: THE NUMBER OF COMMUNICATION CIRCUITS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., BGHJA1*; BGHJA1$$A3*)

ALL*

ADAV J OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA2.400*; ADAVJLA25.4*; ADAVJAB2.395$$JAC2.405*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

APP Key	MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABHP J OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA8.000*; ABHPJLA254.0*; ABHPJAB7.995$$JAC8.005*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABMK J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA2.500*; ABMKJLA50.8*; ABMKJAB2.495$$JAC2.505*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

APP
Key MRC Mode Code Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABKW J OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA2.500*; ABKWJLA50.8*; ABKWJAB2.495$$JAC2.505*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABFY J OVERALL DEPTH

Definition: AN OVERALL MEASUREMENT BETWEEN SPECIFIED POINTS OF AN ITEM, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABFYJAA2.400*; ABFYJLA50.8*; ABFYJAB2.395$$JAC2.405*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

APP Key	MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ADUM J OVERALL THICKNESS

Definition: AN OVERALL MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADUMJAA2.500*; ADUMJLA50.8*; ADUMJAB2.495$$JAC2.505*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

NOTE FOR MRC AKWC: REPLY TO THIS MRC IF THE SOLE POWER SOURCE IS SELF-CONTAINED OR FOR A SINGLE EXTERNAL POWER SOURCE. FOR MORE THAN ONE EXTERNAL POWER SOURCE, DO NOT REPLY TO MRC AKWC AS THE POWER SOURCE IS IDENTIFIED IN MRCS ACYN, ACZB, FAAZ, ACYR, AND ALSF.

ALL* (See Note Above)

AKWC D ELECTRICAL POWER SOURCE RELATIONSHIP

Definition: THE RELATIONSHIP OF THE ELECTRICAL POWER SOURCE TO THE ITEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AKWCDAB*; AKWCDAB$DAC*)

REPLY CODE	REPLY (AHOO)
AB	ALTERNATE OPERATING
AC	OPERATING
AD	SELF-CONTAINED

NOTE FOR MRCS ACYN, ACZB, FAAZ, ACYR, AND ALSF: IF OTHER THAN REPLY CODE AD IS ENTERED FOR MRC AKWC REPLY TO THESE MRCS AS APPLICABLE. FOR MULTIPLE REPLIES SEE APPENDIX C, TABLE 2, INDENTIFIED SECONDARY (I/SAC) ADDRESS CODING INSTRUCTIONS.

ALL* (See Note Above)

ACYN J AC VOLTAGE RATING

Definition: THE VALUE, OR RANGE OF VALUES, OF RMS POTENT A FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable I/SAC from Appendix C , Table 2, followed by the Mode Code, and the Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACYN1AJVA110.0; ACYN1AJVB108.0$$JVC115.0*; ACYN1BJVA120.0$$JVA240.0*)*

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGAVOLTS
U	MICROVOLTS
L	MILLIVOLTS
V	VOLTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL* (See Note Preceding MRCS AKWC and ACYN)

ACZB J FREQUENCY RATING

APP Key	MRC	Mode Code	Requirements

Definition: THE NUMBER OF COMPLETE CYCLIC CHANGES, PER UNIT OF TIME, FOR WHICH AN ITEM IS RATED.

Reply Instructions: Enter the applicable I/SAC from Appendix C , Table 2, followed by the Mode Code, and the Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACZB1AJEA60.0; ACZB1BJEB50.0$$JEC60.0*; ACZB1AJEB50.0$$JEC60.0*; ACZB1MJEB70.0$$JEC80.0*)*

Table 1

REPLY CODE	REPLY (AC32)
G	GIGAHERTZ
E	HERTZ
K	KILOHERTZ
M	MEGAHERTZ

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL* (See Note Preceding MRCS AKWC and ACYN)

FAAZ D PHASE

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES.

Reply Instructions: Enter the applicable I/SAC from Appendix C , Table 2, followed by the Mode Code, and the Reply Code from the table below. (e.g., FAAZ1ADB; FAAZ1BDA$$DC*; FAAZ1ADA$DC*)*

REPLY CODE	REPLY (AD02)
A	SINGLE
C	THREE
B	TWO

ALL* (See Note Preceding MRCS AKWC and ACYN)

ACYR J DC VOLTAGE RATING

Definition: THE VALUE, OR RANGE OF VALUES, OF DC POTENTIAL FOR WHICH THE ITEM IS RATED.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable I/SAC from Appendix C , Table 2, followed by the Mode Code, and the Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACYR1AJVA110.0; ACYR1BJVB110.0$$JVC120.0*; ACYR1AJVB6.0$$JVC6.3*; ACYR1BJVB12.0$$JVC24.0*)*

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGAVOLTS
U	MICROVOLTS
L	MILLIVOLTS
V	VOLTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL* (See Note Preceding MRCS AKWC and ACYN)

ALSF D INTERNAL BATTERY ACCOMMODATION

Definition: AN INDICATION OF WHETHER OR NOT A FACILITY(IES) TO ACCOMMODATE A BATTERY(IES) IS INCLUDED.

Reply Instructions: Enter the applicable I/SAC from Appendix C , Table 2, followed by the Mode Code, and the Reply Code from the table below. (e.g., ALSF1ADB; ALSF1BDC*)*

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

ALL*

AKWA G JOINT ELECTRONICS TYPE DESIGNATION SYSTEM ITEM NAME

Definition: THE NAME ASSIGNED TO THE ITEM BY THE JOINT ELECTRONICS TYPE DESIGNATION SYSTEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the reply in clear text. (e.g., AKWAGCONVERTER, TELEPHONE SIGNAL*)

ALL*

AKWB G JOINT ELECTRONICS TYPE DESIGNATION SYSTEM ITEM TYPE NUMBER

Definition: THE TYPE NUMBER ASSIGNED TO THE ITEM BY THE JOINT ELECTRONICS TYPE DESIGNATION SYSTEM.

Reply Instructions: Enter the reply in clear text. (e.g., AKWBGAN/TIPIA*)

ALL*

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDFNY*)

REPLY CODE	REPLY (AN47)
FNY	ROHS DIRECTIVE COMPLIANCE

SECTION: C

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index in the General Informaion Section. (e.g., NAMED16692*)

ALL			
	ALFK	D	CASE

Definition: AN INDICATION OF WHETHER OR NOT A CONTAINER FROM WHICH THE ITEM IS COMPLETELY REMOVABLE IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALFKDB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

ALL*			
	AEAS	G	MAJOR COMPONENTS

Definition: THE PRINCIPAL PARTS THAT ARE INCLUDED IN AN ASSEMBLED UNIT.

Reply Instructions: Enter the reply in clear text. List the major components alphabetically, by basic name, quantity, National Stock Number, and type number. If National Stock Number is not available, list government or manufacturers identifying number.

(e.g., AEASGRELAY NSN 5945-00-643-5422 TYPE NO. SIG-62 1*;

AEASGPOWER SUPPLY CROSLEY PART NO. 744152 1*)

Separate multiple replies with a semicolon. (e.g., AEASGCABINET NORTH ELECTRIC CO. PART NO. 5123 1;PANEL NORTH ELECTRIC CO. PART NO. 5130 2*)

APP Key	MRC	Mode Code	Requirements
ALL*			
	AJJY	A	DOCUMENT SOURCE

Definition: THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE GOVERNMENT AGENCY, INDUSTRIAL ORGANIZATION, OR OTHER SOURCE, WHICH CONTROLS THE DOCUMENT.

Reply Instructions: Enter the 5-position government agency or 5-position CAGE code. (e.g., AJJYA12345*)

ALL* AJJZ D DOCUMENT TYPE

Definition: INDICATES THE TYPE OF DOCUMENT BY THE TITLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AJJZDAB*; AJJZDAB$$DAD*)

REPLY CODE	REPLY (AF70)
AE	FEDERAL SPECIFICATION
AC	MILITARY SPECIFICATION
AF	MILITARY STANDARD
AB	TECHNICAL MANUAL
AD	TRAINING MANUAL

ALL* AJKA A DOCUMENT IDENTIFICATION

Definiton: THE NUMBER OR SYMBOL USED TO IDENTIFY THE DOCUMENT.

Reply Instructions: Enter the number of the document.

(e.g., AJKAAMIL-F-1234*;

AJKAATM-5-225*;

AJKAATM-12$$AFS-1104*)

ALL* AJKB A COMPONENT DOCUMENT PAGE NUMBER

APP Key	MRC	Mode Code	Requirements

Definition: THE PAGE NUMBER INDICATING THE LOCATION OF THE COMPONENT(S) LISTED IN THE DOCUMENT.

Reply Instructions: Enter the MRC and Mode Code followed by the page number. (e.g., AJKBA119*; AJKBA621$$A723*)

ALL*

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDFNY*)

REPLY CODE	REPLY (AN47)
FNY	ROHS DIRECTIVE COMPLIANCE

SECTION: E

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index in the General Information Section. (e.g., NAMED00325*)

ALL			
	ASEA	A	MAGNET QUANTITY

Definition: THE NUMBER OF MAGNETS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., ASEAA3*)

ALL			
	APQB	D	UNIT TYPE

Definition: INDICATES THE TYPE OF UNIT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APQBDAMP*)

REPLY CODE	REPLY (AK95)
A	ANY ACCEPTABLE
AMN	SWITCHBOARD
AMP	TELEPHONE

ALL*			
	BGQJ	D	CIRCUIT BRIDGING CHARACTERISTIC

Definition: AN INDICATION OF THE CIRCUIT BRIDGING CHARACTERISTIC.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BGQJDCD*; BGQJDCD$DCE*)

REPLY CODE	REPLY (AD21)
CD	NORMALLY CLOSED
CE	NORMALLY OPEN

APP Key	MRC	Mode Code	Requirements

ALL*

ADTV D CASE MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE CASE IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., ADTVDALC000*; ADTVDAL0000$$DST0000*; ADTVDAL0000$DST0000*)

ALL*

ADAV J OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA2.400*; ADAVJLA50.8*; ADAVJAB2.395$$JAC2.405*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABHP J OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA8.000*; ABHPJLA254.0*; ABHPJAB7.750$$JAC8.250*)

APP Key	MRC	Mode Code	Requirements

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABMK J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA2.500*; ABMKJLA50.8*; ABMKJAB2.495$$JAC2.505*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABKW J OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA2.500*; ABKWJLA50.8*; ABKWJAB2.495$$JAC2.505*)

APP Key	MRC	Mode Code	Requirements

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABFY J OVERALL DEPTH

Definition: AN OVERALL MEASUREMENT BETWEEN SPECIFIED POINTS OF AN ITEM IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABFYJAA2.400*; ABFYJLA50.8*; ABFYJAB2.395$$JAC2.405*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ADUM J OVERALL THICKNESS

Definition: A MEASUREMENT OF THE OVERALL THICKNESS OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADUMJAA2.500*; ADUMJLA50.8*; ADUMJAB2.495$$JAC2.505*)

APP Key	MRC	Mode Code	Requirements

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

AKWA G JOINT ELECTRONICS TYPE DESIGNATION SYSTEM ITEM NAME

Definition: THE NAME ASSIGNED TO THE ITEM BY THE JOINT ELECTRONICS TYPE DESIGNATION SYSTEM.

Reply Instructions: Enter the reply in clear text. (e.g., AKWAGGENERATOR, RINGING, HAND*)

ALL*

AKWB G JOINT ELECTRONICS TYPE DESIGNATION SYSTEM ITEM TYPE NUMBER

Definition: THE TYPE NUMBER ASSIGNED TO THE ITEM BY THE JOINT ELECTRONICS TYPE DESIGNATION SYSTEM.

Reply Instructions: Enter the reply in clear text. (e.g., AKWBGAN/TIPIA*)

ALL*

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDFNY*)

REPLY CODE	REPLY (AN47)
FNY	ROHS DIRECTIVE COMPLIANCE

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements

SECTION: G

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index in the General Information Section. (e.g., NAMED00357*)

ALL*			
	BGQK	G	SCREEN SIZE

Definition: DESIGNATES THE RELATIVE OR PROPORTIONATE DIMENSIONS OF THE SCREEN.

Reply Instructions: Enter the numeric value and unit of measure. (e.g., BGQKG3 BY 4 CENTIMETERS*)

ALL			
	ATES	A	BEAM QUANTITY

Definition: THE NUMBER OF BEAMS PROVIDED ON THE ITEM.

Reply Instructions: Enter the quantity. (e.g., ATESA2*)

GA, GC			
	BGQL	D	SWEEP CIRCUITS

Definition: AN INDICATION OF WHETHER OR NOT SWEEP CIRCUITS ARE INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BGQLDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

APP
Key MRC Mode Code Requirements

NOTE FOR APPLICABILITY KEY GA: REPLY TO MRCS BGQM, BGQN, BGQP, BGQQ, BGRZ, BGSB, AND BGSC IF REPLY CODE B IS ENTERED FOR MRC BGQL.

NOTE FOR APPLICABILITY KEY GC: REPLY TO MRCS BGQM, BGQN, AND BGQP IF REPLY CODE B IS ENTERED FOR MRC BGQL.

GA*, GC* (See Note Above)

BGQM D GENERATOR DRIVEN FEATURE

Definition: AN INDICATION OF WHETHER OR NOT A GENERATOR DRIVEN FEATURE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BGQMDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

GA*, GC* (See Note Preceding MRC BGQM)

BGQN D SWEEP CIRCUIT TYPE

Definition: INDICATES THE TYPE OF SWEEP CIRCUITS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BGQNDAAE*; BGQNDAAD$$DAAF*)

REPLY CODE	REPLY (AK33)
A	ANY ACCEPTABLE
AAD	HORIZONTAL
AAE	RADIAL
AAF	VERTICAL

GA*, GC* (See Note Preceding MRC BGQM)

BGQP J SWEEP FREQUENCY RANGE

Definition: THE RANGE OF COMPLETE CYCLIC CHANGES, PER UNIT OF TIME, FOR WHICH THE SWEEP IS RATED.

APP
Key MRC Mode Code Requirements

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value, separated by a slash. Precede each value with a P. (e.g., BGQPJEP15.0/P50.0*; BGQPJEP10.0/P30000.0$$JMP0.0/P2.0*)

REPLY CODE	REPLY (AC32)
G	GIGAHERTZ
E	HERTZ
K	KILOHERTZ
M	MEGAHERTZ

GA* (See Note Preceding MRC BGQM)

BGQQ J SINGLE TRIGGER SWEEP DURATION

Definition: THE LENGTH OF TIME CONSUMED BY A SINGLE TRIGGER SWEEP.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BGQQJALA125.0*; BGQQJALA5.0$$JALA500.0*; BGQQJALB0.1$$JALC1.0*)

Table 1

REPLY CODE	REPLY (AB49)
AL	MICROSECONDS
BK	MILLISECONDS
EF	NANOSECONDS
AR	SECONDS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

GA* (See Note Preceding MRC BGQM)

BGRZ J TRIGGER SWEEP VOLTAGE AMPLITUDE RATING

Definition: THE MAXIMUM ABSOLUTE VALUE FOR WHICH THE TRIGGER SWEEP VOLTAGE IS RATED.

APP
Key MRC Mode Code Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BGRZJVA50.0*; BGRZJVA20.0$$JVA60.0*; BGRZJVB25.0$$JVC50.0*)

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGAVOLTS
U	MICROVOLTS
L	MILLIVOLTS
V	VOLTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

GA* (See Note Preceding MRC BGQM)

BGSB D TRIGGER SWEEP POLARITY SWITCH

Definition: AN INDICATION OF WHETHER OR NOT A TRIGGER SWEEP POLARITY SWITCH IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BGSBDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

GA* (See Note Preceding MRC BGQM)

BGSC G TRIGGER SWEEP MARKER INTERVALS

Definition: THE DISTANCE BETWEEN INDICATED PULSE INTERVALS SHOWN ON THE SCREEN OF A TRIGGER SWEEP DESIGNED ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., BGSCG1 USEC AND 50 USEC*)

Separate multiple replies with a semicolon. (e.g., BGSCG0.2 USEC;1 USEC*)

APP Key	MRC	Mode Code	Requirements

GA*, GC*

BGSD D EXPANDED SWEEP

Definition: AN INDICATION OF WHETHER OR NOT AN EXPANDED SWEEP IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BGSDDB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

GA

BHDD D AMPLIFIER DEFLECTION SENSITIVITY PROVISION

Definition: AN INDICATION OF WHETHER OR NOT PROVISIONS FOR RATING THE DEFLECTION SENSITIVITY THROUGH THE AMPLIFIER ARE PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BHDDDB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

NOTE FOR MRCS BHDF AND BHDG: REPLY TO THESE MRCS IF REPLY CODE B IS ENTERED FOR MRC BHDD.

GA* (See Note Above)

BHDF J VERTICAL DEFLECTION SENSITIVITY VOLTAGE RATING

Definition: THE VALUE, OR RANGE OF VALUES, FOR WHICH THE VERTICAL DEFLECTION SENSITIVITY IS RATED.

APP
Key MRC Mode Code Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1, 2, and 3 below, followed by the numeric value. (e.g., BHDFJLAM1.5*; BHDFJLAM30.0$$JLAM500.0*; BHDFJVBJ20.5$$JVCJ25.4*)

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGAVOLTS
U	MICROVOLTS
L	MILLIVOLTS
V	VOLTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

Table 3

REPLY CODE	REPLY (AF65)
M	PEAK TO PEAK PER CENTIMETER
L	PEAK TO PEAK PER INCH
K	RMS PER CENTIMETER
J	RMS PER INCH

GA* (See Note Preceding MRC BHDF)

BHDG J HORIZONTAL DEFLECTION SENSITIVITY VOLTAGE RATING

Definition: THE VALUE, OR RANGE OF VALUES, FOR WHICH THE HORIZONTAL DEFLECTION SENSITIVITY IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1, 2, and 3 below, followed by the numeric value. (e.g., BHDGJVAM1.5*; BHDGJVAJ90.0$$JVAJ270.0*; BHDGJVBJ12.7$$JVCJ381.0*)

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGAVOLTS
U	MICROVOLTS
L	MILLIVOLTS
V	VOLTS

APP Key	MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

Table 3

REPLY CODE	REPLY (AF65)
M	PEAK TO PEAK PER CENTIMETER
L	PEAK TO PEAK PER INCH
K	RMS PER CENTIMETER
J	RMS PER INCH

GA

BHDH D INPUT INTENSITY MODULATION FEATURE

Definition: AN INDICATION OF WHETHER OR NOT AN INPUT INTENSITY MODULATION FEATURE IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BHDHDB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

GA*

BHDJ J VISUAL MODULATION SENSITIVITY VOLTAGE RATING

Definition: THE VALUE, OR RANGE OF VALUES, AT WHICH THE VISUAL MODULATION SENSITIVITY IS RATED TO RESPOND.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BHDJJVA3.0*; BHDJJVB4.9$$JVC5.1*)

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGAVOLTS

APP Key	MRC	Mode Code	Requirements
		U	MICROVOLTS
		L	MILLIVOLTS
		V	VOLTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

GA*

BHDK J VISUAL BLANKING SENSITIVITY VOLTAGE RATING

Definition: THE VALUE, OR RANGE OF VALUES, AT WHICH THE VISUAL BLANKING SENSITIVITY IS RATED TO RESPOND.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BHDKJVA1.5*; BHDKJVB15.0$$JVC20.0*)

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGAVOLTS
U	MICROVOLTS
L	MILLIVOLTS
V	VOLTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

GA

BHDL D PLATE DIRECT CONNECTION DEFLECTION SENSITIVITY PROVISION

Definition: AN INDICATION OF WHETHER OR NOT PROVISIONS FOR RATING THE DIRECT CONNECTION TO THE PLATE DEFLECTION SENSITIVITY IS PROVIDED.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BHDLDB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

GA*

BHDM	J		DIRECT CONNECTION VERTICAL DEFLECTION SENSITIVITY VOLTAGE RATING

Definition: THE VALUE, OR RANGE OF VALUES, AT WHICH THE VERTICAL DEFLECTION FOR DIRECT CONNECTION IS RATED TO RESPOND.

Reply Instructions: Enter the applicable Reply Codes from Tables 1, 2, and 3 below, followed by the numeric value. (e.g., BHDMJVAM15.0*; BHDMJVBM110.0$$JVCM113.0*)

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGAVOLTS
U	MICROVOLTS
L	MILLIVOLTS
V	VOLTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

Table 3

REPLY CODE	REPLY (AF65)
M	PEAK TO PEAK PER CENTIMETER
L	PEAK TO PEAK PER INCH
K	RMS PER CENTIMETER
J	RMS PER INCH

GA*

APP Key	MRC	Mode Code	Requirements
	BHDN	J	DIRECT CONNECTION HORIZONTAL DEFLECTION SENSITIVITY VOLTAGE RATING

Definition: THE VALUE, OR RANGE OF VALUES, AT WHICH THE HORIZONTAL DEFLECTION FOR DIRECT CONNECTION IS RATED TO RESPOND.

Reply Instructions: Enter the applicable Reply Codes from Tables 1, 2, and 3 below, followed by the numeric value. (e.g., BHDNJVAM25.0*; BHDNJVBK25.5$$JVCK31.1*)

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGAVOLTS
U	MICROVOLTS
L	MILLIVOLTS
V	VOLTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

Table 3

REPLY CODE	REPLY (AF65)
M	PEAK TO PEAK PER CENTIMETER
L	PEAK TO PEAK PER INCH
K	RMS PER CENTIMETER
J	RMS PER INCH

GA, GC

	BHDP	D	FREQUENCY RESPONSE RATING

Definition: AN INDICATION OF WHETHER OR NOT A FREQUENCY RESPONSE RATING IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BHDPDB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED

APP Key	MRC	Mode Code	Requirements
		B	PROVIDED

GA*, GC*

BHDQ J X-AXIS FREQUENCY RESPONSE RATING

Definition: THE MINIMUM AND MAXIMUM FREQUENCIES TO WHICH THE X-AXIS WILL RESPOND.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BHDQJEA15.0*; BHDQJEA5.0$$JEA2000000.0*; BHDQJMB0.0$$JMC100.0*)

When the source document indicates two different units of measure, convert to a single unit. (i.e., 5 HZ TO 100 KHZ; CONVERT TO 5 HZ TO 100000 HZ*)

Table 1

REPLY CODE	REPLY (AC32)
G	GIGAHERTZ
E	HERTZ
K	KILOHERTZ
M	MEGAHERTZ

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

GA*, GC*

BHDR J Y-AXIS FREQUENCY RESPONSE RATING

Definition: THE MINIMUM AND MAXIMUM FREQUENCIES TO WHICH THE Y-AXIS WILL RESPOND.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BHDRJKA25.0*; BHDRJMB0.0$$JMC100.0*)

If the source document indicates two different units of measure, convert to the same unit. (i.e., 5 HZ to 100 KHZ; CONVERT TO 5 HZ TO 100000 HZ*)

Table 1

REPLY CODE	REPLY (AC32)
G	GIGAHERTZ

APP Key	MRC	Mode Code	Requirements

E	HERTZ
K	KILOHERTZ
M	MEGAHERTZ

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

GA*, GC*

BHDS J Z-AXIS FREQUENCY RESPONSE RATING

Definition: THE MINIMUM AND MAXIMUM FREQUENCIES TO WHICH THE Z-AXIS WILL RESPOND.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BHDSJEA50.0*; BHDSJMB0.0$$JMC100.0*)

If the source document indicates two units of measure, convert to the same unit. (i.e., 5 HZ TO 100 KHZ; CONVERT TO 5 TO 100000 HZ*)

Table 1

REPLY CODE	REPLY (AC32)
G	GIGAHERTZ
E	HERTZ
K	KILOHERTZ
M	MEGAHERTZ

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

GA, GC

BHDT D AMPLIFIER INPUT IMPEDANCE RATING PROVISION

Definition: AN INDICATION OF WHETHER OR NOT AMPLIFIER INPUT IMPEDANCE RATING IS PROVIDED.

APP
Key MRC Mode Code Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BHDTDB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

GA*, GC*

BHDW J X-AXIS INPUT IMPEDANCE RATING

Definition: THE TOTAL OPPOSITION (RESISTIVE AND REACTIVE) WHICH THE ITEM OFFERS TO THE X-AXIS INPUT FLOW OF ALTERNATING CURRENT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BHDWJMA1.0*; BHDWJMA2.0$$JMA2.0*; BHDWJMB2.0$$JMC5.0*)

Table 1

REPLY CODE	REPLY (AA57)
G	GIGOHMS
K	KILOHMS
M	MEGOHMS
Q	OHMS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

GA*, GC*

BHDX J Y-AXIS INPUT IMPEDANCE RATING

Definition: THE TOTAL OPPOSITION (RESISTIVE AND REACTIVE) WHICH THE ITEM OFFERS TO THE Y-AXIS INPUT FLOW OF ALTERNATING CURRENT.

APP
Key MRC Mode Code Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BHDXJMA20.0*; BHDXJMA0.5$$JMA10.0*; BHDXJMB2.0$$JMC5.0*)

Table 1

REPLY CODE	REPLY (AA57)
G	GIGOHMS
K	KILOHMS
M	MEGOHMS
Q	OHMS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

GA*, GC*

BHDY J Z-AXIS INPUT IMPEDANCE RATING

Definition: THE TOTAL OPPOSITION (RESISTIVE AND REACTIVE) WHICH THE ITEM OFFERS TO THE Z-AXIS INPUT FLOW OF ALTERNATING CURRENT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BHDYJKA25.0*; BHDYJMB2.0$$JMC5.0*)

Table 1

REPLY CODE	REPLY (AA57)
G	GIGOHMS
K	KILOHMS
M	MEGOHMS
Q	OHMS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

GA*

APP Key	MRC	Mode Code	Requirements
	BHDZ	D	AMPLITUDE CALIBRATING VOLTAGE WAVEFORM

Definition: AN INDICATION OF THE SHAPE OF THE AMPLITUDE CALIBRATING VOLTAGE WAVEFORM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BHDZDAZ*; BHDZDAZ$$DBB*)

REPLY CODE	REPLY (AJ52)
A	ANY ACCEPTABLE
AZ	SINE WAVE
BB	SQUARE WAVE
CH	TRAPEZOID WAVE
CJ	TRIANGULAR WAVE

GA*

	BHFB	J	CALIBRATING PEAK TO PEAK AMPLITUDE

Definition: THE PEAK TO PEAK VALUE FOR WHICH THE ITEM IS CALIBRATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BHFBJVA50.0*; BHFBJLA4.0$$JLA40.0*; BHFBJLB0.1$$JLC1000.0*)

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGAVOLTS
U	MICROVOLTS
L	MILLIVOLTS
V	VOLTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

GA*

	BDJD	F	ACCURACY RANGE IN PERCENT

APP Key	MRC	Mode Code	Requirements

Definition: THE ACCEPTABLE LIMITS OF DEVIATION FROM THE DESIGNED STANDARD OUTPUT VALUE OF THE ITEM, EXPRESSED IN PERCENT.

Reply Instructions: Enter the numeric value of the scale or curcuit accuracy in percent of full scale reading, separated by a slash. Precede negative values with an M and positive values with a P. (e.g., BDJDFM1.5/P1.5*; BDJDFM2.4/P2.4$FM2.5/P2.5*)

GA*

BHFC A MEASUREMENT RANGE QUANTITY

Definition: THE NUMBER OF MEASUREMENT RANGES INCLUDED.

Reply Instructions: Enter the quantity. (e.g., BHFCA4*)

GA*

BHFD G MEASUREMENT RANGE STEPS

Definition: AN INDICATION AS TO THE MEASUREMENT CAPABILITIES OF THE RANGE OR RANGES.

Reply Instructions: Enter the reply in clear text. (e.g., BHFDG0 TO 2V PER IN.*)

Separate multiple replies with a semicolon. (e.g., BHFDG0 TO 0.1 V PER IN.;0 TO 10 V PER IN.*)

GA, GB, GC*

BHFF D CALIBRATED SCREEN SCALE

Definition: AN INDICATION OF WHETHER OR NOT CALIBRATED SCREEN SCALE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BHFFDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

GA*, GB*, GC*

AWEC G GRADUATION INTERVAL

APP Key	MRC	Mode Code	Requirements

Definition: THE INTERVAL(S) AS INDICATED BY THE MARKINGS ON THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., AWECGGRADUATED IN. V/CM BOTH AXES*)

Separate multiple replies with a semicolon.

(e.g., AWECGGRADUATED IN. V/DIV ON Y-AXIS;GRADUATED IN. TIME/DIV ON X-AXIS*)

GA, GB

BHFH D TRACE STORAGE TUBE

Definition: AN INDICATION OF WHETHER OR NOT A TRACE STORAGE TUBE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BHFHDB*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

GA*, GB*

BHFJ J MAXIMUM STORAGE WRITING SPEED

Definition: THE RATE OF WRITING ON SUCCESSIVE STORAGE ELEMENTS IN A CHARGE STORAGE TUBE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BHFJJAS250000.0*; BHFJJCD127000.0*)

REPLY CODE	REPLY (AG20)
AS	INCHES PER SECOND
CD	MILLIMETERS PER SECOND

GA*, GB*

BHFK D STORAGE POTENTIAL

APP Key	MRC	Mode Code	Requirements

Definition: AN INDICATION OF THE STORAGE POTENTIAL OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BHFKDS*; BHFKDS$DT*)

REPLY CODE	REPLY (AD63)
S	CONTINUOUSLY ADJUSTABLE
T	CONTINUOUSLY ADJUSTABLE TO PROVIDE OPTIMUM

NOTE FOR MRCS BHFL AND BHFM: IF THE SOURCE DOCUMENT INDICATES MORE THAN ONE WRITING GUN, WITH DIFFERENT VOLTAGE RATINGS, ENTER EACH QUANTITY USING AND CODING ($$) IN ASCENDING SEQUENCE.

GA*, GB* (See Note Above)

BHFL A WRITING GUN QUANTITY

Definition: THE NUMBER OF WRITING GUNS INCLUDED WITH THE ITEM.

Reply Instructions: Enter the quantity. (e.g., BHFLA2*; BHFLA1$$A2*)

GA*, GB* (See Note Preceding MRC BHFL)

BHFM J WRITING GUN ACCELERATING VOLTAGE

Definition: THE ACCELERATING VALUE OR RANGE OF VALUES FOR WHICH THE WRITING GUN IS RATED.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BHFMJK1.5*; BHFMJK1.5$$JK2.5*)

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGAVOLTS
U	MICROVOLTS
L	MILLIVOLTS
V	VOLTS

NOTE FOR MRCS BHFN AND BHFP: IF THE SOURCE DOCUMENT INDICATES MORE THAN ONE FLOOD GUN, WITH DIFFERENT VOLTAGE RATINGS, ENTER EACH QUANTITY USING AND CODING ($$) IN ASCENDING SEQUENCE.

APP
Key MRC Mode Code Requirements

GA*, GB* (See Note Above)

BHFN A FLOOD GUN QUANTITY

Definition: THE NUMBER OF FLOOD GUNS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., BHFNA4*; BHFNA1$$A2*)

GA*, GB* (See Note Preceding MRC BHFN)

BHFP J FLOOD GUN ACCELERATING VOLTAGE

Definition: THE ACCELERATING VALUE OR RANGE OF VALUES FOR WHICH THE FLOOD GUN IS RATED.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BHFPJK2.5*; BHFPJV150.0$$JV250.0*)

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGAVOLTS
U	MICROVOLTS
L	MILLIVOLTS
V	VOLTS

GA*, GB*

BHFQ J VIEWING SCREEN VOLTAGE RATING

Definition: THE VALUE, OR RANGE OF VALUES, FOR WHICH THE VIEWING SCREEN IS RATED.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BHFQJK5.0*; BHFQJK10.0$$JK12.0*)

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGAVOLTS
U	MICROVOLTS
L	MILLIVOLTS
V	VOLTS

GA*, GB*

APP Key	MRC	Mode Code	Requirements
	BHFR	D	TRACE ERASING PROVISION

Definition: AN INDICATION OF WHETHER OR NOT TRACE ERASING PROVISIONS ARE PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BHFRDB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

ALL*

	BHFS	G	PLUG IN UNIT FUNCTION AND QUANTITY

Definition: AN INDICATION OF THE FUNCTION OF THE PLUG-IN UNITS AND THE NUMBER PROVIDED.

Reply Instructions: Enter the reply in clear text. (e.g., BHFSGVERTICAL AMPLIFIERS 3*)

ALL

	BHFT	D	CAMERA RECORDING DEVICE ACCOMMODATION

Definition: AN INDICATION OF WHETHER OR NOT CAMERA RECORDING DEVICE ACCOMMODATIONS ARE PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BHFTDB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

ALL

	ACDC	D	CURRENT TYPE

Definition: INDICATES THE TYPE OF CURRENT WHETHER ALTERNATING, DIRECT, OR BOTH.

APP
Key MRC Mode Code Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ACDCDB*; ACDCDB$$DC*; ACDCDB$DC*)

REPLY CODE	REPLY (AB62)
B	AC
C	DC

ALL*

AMSE J VOLTAGE RATING

Definition: THE VALUE(S) OF POTENTIAL FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AMSEJVA110.0*; AMSEJVA120.0$$JVA240.0*; AMSEJVB105.0$$JVC120.0*)

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGAVOLTS
U	MICROVOLTS
L	MILLIVOLTS
V	VOLTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ACZB J FREQUENCY RATING

Definition: THE NUMBER OF COMPLETE CYCLIC CHANGES, PER UNIT OF TIME, FOR WHICH AN ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACZBJEA60.0*; ACZBJEA60.0$$JEA60.0*; ACZBJEB50.0$$JEC400.0*)

Table 1

REPLY CODE	REPLY (AC32)

APP Key	MRC	Mode Code	Requirements
		G	GIGAHERTZ
		E	HERTZ
		K	KILOHERTZ
		M	MEGAHERTZ

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

FAAZ D PHASE

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., FAAZDB*; FAAZDA$$DA*; FAAZDA$DB*)

REPLY CODE	REPLY (AD02)
A	SINGLE
C	THREE
B	TWO

ALL*

ACUT B DIRECT CURRENT RATING IN AMPS

Definition: THE DIRECT CURRENT RATING FOR WHICH THE ITEM IS RATED, EXPRESSED IN AMPERES.

Reply Instructions: Enter the numeric value. (e.g., ACUTB3.0*; ACUTB0.5$$B0.7*)

ALL*

ABHP J OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

APP
Key MRC Mode Code Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA8.000*; ABHPJLA254.0*; ABHPJAB7.750$$JAC8.250*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ADAV J OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA2.400*; ADAVJLA50.8*; ADAVJAB2.395$$JAC2.405*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABMK J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

APP
Key MRC Mode Code Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA2.500*; ABMKJLA50.8*; ABMKJAB2.495$$JAC2.505*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABKW J OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA2.500*; ABKWJLA50.8*; ABKWJAB2.495$$JAC2.505*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABFY J OVERALL DEPTH

Definition: AN OVERALL MEASUREMENT BETWEEN SPECIFIED POINTS OF AN ITEM, IN DISTINCTION FROM HEIGHT.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABFYJAA2.400*; ABFYJLA50.8*; ABFYJAB2.395$$JAC2.405*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

AXGY D MOUNTING METHOD

Definition: THE MEANS OF ATTACHING THE ITEM.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 4. (e.g., AXGYDACP*; AXGYDABR$DARD*)

ALL*

AKYD G ACCESSORY COMPONENTS AND QUANTITY

Definition: THE NAME AND NUMBER OF PARTS SUPPLIED WITH THE ITEM WHICH MAY BE REQUIRED FOR APPLICATION.

Reply Instructions: Enter the component name followed by the quantity. (e.g., AKYDGSCREEN CALIBRATION 1*)

Separate multiple replies with a semicolon. (e.g., AKYDGAC POWER CORD 1;AC POWER SUPPLY 1*)

ALL*

AKWA G JOINT ELECTRONICS TYPE DESIGNATION SYSTEM ITEM NAME

Definition: THE NAME ASSIGNED TO THE ITEM BY THE JOINT ELECTRONICS TYPE DESIGNATION SYSTEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the reply in clear text. (e.g., AKWAGOSCILLOSCOPE*)

ALL*

AKWB G JOINT ELECTRONICS TYPE DESIGNATION SYSTEM ITEM TYPE NUMBER

Definition: THE TYPE NUMBER ASSIGNED TO THE ITEM BY THE JOINT ELECTRONICS TYPE DESIGNATION SYSTEM.

Reply Instructions: Enter the reply in clear text. (e.g., AKWBGAN/TIPIA*)

ALL*

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDFNY*)

REPLY CODE	REPLY (AN47)
FNY	ROHS DIRECTIVE COMPLIANCE

SECTION: H

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index in the General Information Section. (e.g., NAMED00330*)

ALL			
	APTS	J	OUTPUT FREQUENCY RATING

Definition: THE NUMBER OF COMPLETE CYCLIC CHANGES, PER UNIT OF TIME, FOR WHICH THE OUTPUT IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., APTSJEA60.0*; APTSJKB1.0$$JKC1.5*)

Table 1

REPLY CODE	REPLY (AC32)
G	GIGAHERTZ
E	HERTZ
K	KILOHERTZ
M	MEGAHERTZ

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*			
	ANRQ	B	FREQUENCY REGULATION PERCENT

Definition: THE RATIO OF PERMISSIBLE FREQUENCY DEVIATION FROM THE CONTROLLED CONSTANT VALUE, EXPRESSED IN PERCENTAGE.

Reply Instructions: Enter the numeric value. (e.g., ANRQB2.0*)

ALL

APP Key	MRC	Mode Code	Requirements
	BGQR	J	OUTPUT WATTAGE RATING

Definition: THE RATED OUTPUT POWER THAT AN ITEM CAN SAFELY CONSUME OR PROVIDE, MEASURED IN WATTS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BGQRJATA50.0*; BGQRJBCB24.0$$JBCC25.0*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., BGQRKN*)

Table 1

REPLY CODE	REPLY (AB49)
BC	KILOWATTS
AT	WATTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

	BGQS	J	VOLT-AMPERE RATING

Definition: THE AMOUNT OF APPARENT POWER, AS DISTINGUISHED FROM TRUE POWER, FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BGQSJEA5.0*; BGQSJEB249.0$$JEC250.0*)

If wattage rating was given to MRC BGQR, change Mode Code to K and Reply Code N, not rated. (e.g., BGQSKN*)

Table 1

REPLY CODE	REPLY (AC33)
K	KILOVOLT-AMPERE
E	VOLT-AMPERE

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM

APP Key	MRC	Mode Code	Requirements
		C	MAXIMUM

ALL

BGQT	J	LINE TO LINE AC OUTPUT VOLTAGE RATING

Definition: THE TOTAL LINE TO LINE OUTPUT ALTERNATING CURRENT POTENTIAL FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BGQTJVA115.0*; BGQTJVB105.0$$JVC120.0*)

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGAVOLTS
U	MICROVOLTS
L	MILLIVOLTS
V	VOLTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

AQAR	J	LINE TO GROUND VOLTAGE

Definition: AN INDICATION OF THE LINE TO GROUND VOLTAGE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AQARJVA120.0*; AQARJVB105.0$$JVC120.0*)

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGAVOLTS
U	MICROVOLTS
L	MILLIVOLTS
V	VOLTS

APP Key	MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

FAAZ D PHASE

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., FAAZDB*; FAAZDA$$DC*; FAAZDA$DB*)

REPLY CODE	REPLY (AD02)
A	SINGLE
C	THREE
B	TWO

ALL*

APFN B ACCURACY IN PERCENT

Definition: AN INDICATION OF THE ACCURACY OF AN ITEM.

Reply Instructions: Enter the numeric value. (e.g., APFNB5.0*)

ALL

BGQW J AC INPUT VOLTAGE RATING

Definition: THE VALUE, OR RANGE OF VALUES, OF RMS POTENTIAL FOR WHICH THE INPUT OF AN ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BGQWJVA115.0*; BGQWJVB105.0$$JVC120.0*)

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGAVOLTS

APP Key	MRC	Mode Code	Requirements
		U	MICROVOLTS
		L	MILLIVOLTS
		V	VOLTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

APTQ J INPUT FREQUENCY RATING

Definition: THE NUMBER OF COMPLETE CYCLIC CHANGES, PER UNIT OF TIME, FOR WHICH THE INPUT IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., APTQJEA60.0*; APTQJEA60.0$$JEA400.0*; APTQJEB47.0$$JEC63.0*)

Table 1

REPLY CODE	REPLY (AC32)
G	GIGAHERTZ
E	HERTZ
K	KILOHERTZ
M	MEGAHERTZ

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ANPM D INPUT PHASE

Definition: THE NUMBER OF INPUT ALTERNATING CURRENT PHASE(S).

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANPMDA*; ANPMDA$$DB*; ANPMDA$DC*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AD02)
A	SINGLE
C	THREE
B	TWO

NOTE FOR MRCS ABRY, ABMZ, ABGL AND HGTH: REPLY TO MRC ABRY THROUGH HGTH ONLY WHEN APPLICABLE TO THE ITEM NAME BEING DESCRIBED, EXCLUDING WIRE LEADS.

ALL* (See Note Above)

ABRY J LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF ANY OBJECT, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABRYJAA0.250*; ABRYJLA25.4*; ABRYJAB18.750$$JAC19.250*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL* (See Note Preceding MRC ABRY)

ABMZ J DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE PASSING THROUGH THE CENTER OF A CIRCULAR FIGURE OR BODY, AND TERMINATING AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMZJAA0.250*; ABMZJLA25.4*; ABMZJAB4.750$$JAC5.250*)

Table 1

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL* (See Note Preceding MRC ABRY)

ABGL J WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABGLJAA30.030*; ABGLJLA254.0*; ABGLJAB23.750$$JAC24.250*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL* (See Note Preceding MRC ABRY)

HGTH J HEIGHT

Definition: A MEASUREMENT FROM THE BOTTOM TO THE TOP OF AN OBJECT, IN DISTINCTION FROM DEPTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., HGTHJAA0.250*; HGTHJLA50.8*; HGTHJAB1.937$$JAC2.062*)

Table 1

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

AXGY D MOUNTING METHOD

Definition: THE MEANS OF ATTACHING THE ITEM.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 4. (e.g., AXGYDABC*; AXGYDABR$$DARD*)

ALL*

ALGC G MOUNTING CONFIGURATION

Definition: THE PATTERN OR ARRANGEMENT THAT DESCRIBES THE MOUNTING CONFIGURATION OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., ALGCGFOUR 0.125 IN. BOLTS UNEVENLY SPACED*)

ALL*

AARA A TERMINAL QUANTITY

Definition: THE QUANTITY OF TERMINALS FOR PROVIDING ELECTRICAL CONNECTION TO THE ITEM.

Reply Instructions: Enter the quantity. (e.g., AARAA3*; AARAA2$$A2*)

ALL*

AARB D TERMINAL TYPE

Definition: THE SPECIFIC TYPE OF TERMINALS FOR PROVIDING ELECTRICAL CONNECTION TO THE ITEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from Appendix B , Reference Drawing Group A. (e.g., AARBDAM*; AARBDBP$$DBQ*)

ALL

BGQX D OVERLOAD PROTECTION

Definition: AN INDICATION OF WHETHER OR NOT OVERLOAD PROTECTION IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BGQXDB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

ALL

BGQY D RADIO INTERFERENCE FILTER

Definition: AN INDICATION OF WHETHER OR NOT A RADIO INTERFERENCE FILTER IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BGQYDB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

ALL*

BFMF D COOLING METHOD

Definition: THE METHOD OF COOLING USED TO MAINTAIN THE REQUIRED OPERATING TEMPERATURE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BFMFDAAK*; BFMFDAAK$DAAL*)

REPLY CODE	REPLY (AN05)

APP Key	MRC	Mode Code	Requirements
		AAK	AMBIENT AIR
		A	ANY ACCEPTABLE
		AAL	EXTERNAL
		AAM	INTEGRAL BLOWER
		AAN	INTEGRAL FAN

ALL*

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDFNY*)

REPLY CODE	REPLY (AN47)
FNY	ROHS DIRECTIVE COMPLIANCE

SECTION: J

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index in the General Information Section. (e.g., NAMED03901*)

ALL			
	AFGQ	J	FREQUENCY RANGE RATING

Definition: THE RANGE OF COMPLETE CYCLIC CHANGES, PER UNIT OF TIME, FOR WHICH AN ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric values. Precede each value with a P, separating values with a slash. (e.g., AFGQJMP10.000/P20.000*; AFGQJEP0.001/P999.999$$JKP1.000/P100.000*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., AFGQKN*)

REPLY CODE	REPLY (AC32)
G	GIGAHERTZ
E	HERTZ
K	KILOHERTZ
M	MEGAHERTZ

ALL*			
	BHFW	J	FIXED FREQUENCY RATING

Definition: THE FIXED NUMBER OF COMPLETE CYCLIC CHANGES, PER UNIT OF TIME, FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BHFWJK110.0*; BHFWJE400.000$$JK556.000*)

REPLY CODE	REPLY (AC32)
G	GIGAHERTZ
E	HERTZ

APP Key	MRC	Mode Code	Requirements
		K	KILOHERTZ
		M	MEGAHERTZ

ALL*

ANLC A FREQUENCY BAND QUANTITY

Definition: THE NUMBER OF SPECIFIED RANGES OF FREQUENCIES OR WAVELENGTHS OPERATING BETWEEN TWO STATED LIMITS.

Reply Instructions: Enter the quantity. (e.g., ANLCA5*)

ALL*

BHFX A FIXED FREQUENCY QUANTITY

Definition: THE NUMBER OF FIXED FREQUENCIES PROVIDED.

Reply Instructions: Enter the quantity. (e.g., BHFXA3*)

ALL*

BDHW G CALIBRATION ACCURACY RATING

Definition: THE DEGREE OF CONFORMITY OF A MEASUREMENT TO A STANDARD OR TRUE VALUE FOR WHICH THE CALIBRATION IS RATED.

Reply Instructions: Enter the reply in clear text. (e.g., BDHWGPORM 0.250 PCT ACCURACY*)

Separate multiple replies with a semicolon. (e.g., BDHWGPLUS 3 PCT ACCURACY FROM 0.8 TO 1.2;PLUS 2 PCT FROM 1.2 TO 12 ON DIAL*)

ALL*

BHFY D CRYSTAL CONTROLLED FEATURE

Definition: AN INDICATION OF WHETHER OR NOT A CRYSTAL CONTROLLED FEATURE IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BHFYDB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

APP Key	MRC	Mode Code	Requirements

ALL*

BHFZ G CALIBRATED SIGNAL OUTPUT RANGE

Definition: AN INDICATION OF THE CALIBRATED SIGNAL RANGE THAT IS OUTPUT BY THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., BHFZGMINUS 112 DB TO PLUS 12 DB ABOVE 1 MW*)

Separate multiple replies with a semicolon. (e.g., BHFZGMINUS 127 DB TO PLUS 10 DB 1800 TO 3000 MH;MINUS 127 DB TO PLUS 3 DB 3000 TO 4500 MH*)

NOTE FOR MRC BHGB: REPLY TO THIS MRC IF NO REPLY IS ENTERED FOR MRC BHFZ.

ALL* (See Note Above)

BHGB G MAXIMUM SIGNAL OUTPUT

Definition: AN INDICATION OF THE MAXIMUM SIGNAL OUTPUT TRANSMITTED BY THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., BHGBG 45 MW INTO MATCHED LOAD*)

Separate multiple replies with a semicolon. (e.g., BHGBG1 TO 100000 UV;0 TO 200 UV*)

ALL*

BHGC G SIGNAL OUTPUT CONSTANCY

Definition: AN INDICATION OF SIGNAL OUTPUT CONSTANCY.

Reply Instructions: Enter the reply in clear text. (e.g., BHGCGPORM 1 PCT DB MAX VARIATION FROM 20 CPS TO 15 KC*)

ALL*

AMNE J OUTPUT IMPEDANCE RATING

Definition: THE TOTAL OPPOSITION (RESISTIVE AND REACTIVE) PRESENTED BY THE ITEM TO AN ALTERNATING CURRENT LOAD.

APP
Key MRC Mode Code Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AMNEJQRA100.0*; AMNEJKRA0.5$$JKRA50.0*; AMNEJQRB50.0$$JQRC600.0*)

For items that do not require a rating change Mode Code to K and enter Reply Code N. (e.g., AMNEKN*)

Table 1

REPLY CODE	REPLY (AE75)
GF	GIGOHMS
KR	KILOHMS
MR	MEGOHMS
QR	OHMS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

BHGD D MODULATOR LOCATION

Definition: THE LOCATION OF THE MODULATOR ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BHGDDABY*)

REPLY CODE	REPLY (AJ91)
A	ANY ACCEPTABLE
ABY	EXTERNAL
ABX	INTERNAL

ALL*

AYYE D MODULATION TYPE

Definition: AN INDICATION OF THE TYPE OF MODULATION PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AYYEDCM*; AYYEDCL$$DAW*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AJ52)
CK	AM
A	ANY ACCEPTABLE
CL	FM
CM	KEY
AW	PULSE
CN	SINGLE SIDEBAND
BB	SQUARE WAVE

ALL*

BHQD J MODULATED FREQUENCY RATING

Definition: THE NUMBER OF COMPLETE CYCLIC CHANGES, PER UNIT OF TIME, FOR WHICH THE MODULATION IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BHQDJEA800.0*; BHQDJEA90.0$$JEA150.0*; BHQDJKB0.020$$JKC30.0*)

Table 1

REPLY CODE	REPLY (AC32)
G	GIGAHERTZ
E	HERTZ
K	KILOHERTZ
M	MEGAHERTZ

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

BHQF J PULSE REPETITION FREQUENCY RATING

Definition: THE NUMBER OF COMPLETE CYCLIC CHANGES, PER UNIT OF TIME, FOR WHICH THE PULSE REPETITION IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BHQFJEA100.0*; BHQFJKA1.5$$JKA4.5*; BHQFJEB400.0$$JEC600.0*)

Table 1

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AC32)
G	GIGAHERTZ
E	HERTZ
K	KILOHERTZ
M	MEGAHERTZ

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

BHQG J MODULATION DEGREE

Definition: AN INDICATION OF THE DEGREE OF MODULATION PROVIDED.

Reply Instructions: Enter the applicable Reply Code from Tables 1 and 2 below, followed by the numeric value. (e.g., BHQGJAEYA50.0*; BHQGJAGHA0.5$$JAGHA15.0*; BHQGJAGGB0.0$$JAGGC20.0*)

Table 1

REPLY CODE	REPLY (AK09)
AGG	DEVIATION
AEY	PERCENT
AGH	USEC PULSE

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ACDC D CURRENT TYPE

Definition: THE TYPE OF CURRENT WHETHER ALTERNATING, DIRECT, OR BOTH.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ACDCDB*; ACDCDB$$DC*; ACDCDB$DC*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AB62)
B	AC
C	DC

ALL*

AMSE J VOLTAGE RATING

Definition: THE VALUE(S) OF POTENTIAL FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AMSEJVA110.0*; AMSEJVA3.0$$JVA300.0*; AMSEJVB105.0$$JVC120.0*)

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGAVOLTS
U	MICROVOLTS
L	MILLIVOLTS
V	VOLTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ACZB J FREQUENCY RATING

Definition: THE NUMBER OF COMPLETE CYCLIC CHANGES, PER UNIT OF TIME, FOR WHICH AN ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACZBJEA60.0*; ACZBJEA60.0$$JEA400.0*; ACZBJEB50.0$$JEC60.0*)

Table 1

REPLY CODE	REPLY (AC32)
G	GIGAHERTZ
E	HERTZ
K	KILOHERTZ

APP Key	MRC	Mode Code	Requirements
		M	MEGAHERTZ

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

FAAZ D PHASE

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., FAAZDB*; FAAZDA$$DA*; FAAZDA$DB*)

REPLY CODE	REPLY (AD02)
A	SINGLE
C	THREE
B	TWO

ALL*

ALSF D INTERNAL BATTERY ACCOMMODATION

Definition: AN INDICATION OF WHETHER OR NOT A FACILITY(IES) TO ACCOMMODATE A BATTERY(IES) IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALSFDB*)

REPLY CODE	REPLY (AD02)
B	INCLUDED
C	NOT INCLUDED

ALL*

ADTV D CASE MATERIAL

APP Key	MRC	Mode Code	Requirements

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE CASE IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., ADTVDALC000*; ADTVDAL0000$$DST0000*; ADTVDAL0370$DAL0000*)

ALL*

ADTY D CASE SURFACE TREATMENT

Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPED OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS THE SURFACE OF THE CASE.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 3. (e.g., ADTYDAN0000*; ADTYDAN0000$$DPN0000*; ADTYDAN0000$DPN0000*)

ALL*

ABHP J OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA8.000*; ABHPJLA254.0*; ABHPJAB7.995$$JAC8.005*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ADAV J OVERALL DIAMETER

APP
Key MRC Mode Code Requirements

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA2.400*; ADAVJLA50.8*; ADAVJAB2.395$$JAC2.405*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABMK J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA2.500*; ABMKJLA50.8*; ABMKJAB2.495$$JAC2.505*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

ABKW J OVERALL HEIGHT

APP Key	MRC	Mode Code	Requirements

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA2.500*; ABKWJLA50.8*; ABKWJAB2.495$$JAC2.505*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

AAXX D MOUNTING TYPE

Definition: THE TYPE OF MOUNT UTILIZED TO SUPPORT THE ITEM.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 6. (e.g., AAXXDBF*; AAXXDBT$$DFM*; AAXXDCH$DFM*)

ALL*

AFHS A ACCESSORY COMPONENT QUANTITY

Definition: THE NUMBER OF PARTS SUPPLIED WITH THE ITEM WHICH MAY BE REQUIRED FOR APPLICATION.

Reply Instructions: Enter the quantity. (e.g., AFHSA4*; AFHSA2$$A3*)

ALL*

AKVY G ACCESSORY CONTROLLING AGENCY

Definition: THE NAME OF THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION THAT CONTROLS THE MANUFACTURE OF THE ACCESSORY ITEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the reply in clear text. (e.g., AKVYGSIGNAL CORPS*)

Separate multiple replies with a semicolon. (e.g., AKVYGSIGNAL CORPS; WHITE CO.*)

ALL*

AZCG G ACCESSORY COMPONENT NAME

Definition: THE NAME OF THE ACCESSORY COMPONENT ASSIGNED BY THE CONTROLLING AGENCY.

Reply Instructions: Enter the reply in clear text. (e.g., AZCGGRECEIVER*)

Separate multiple replies with a semicolon. (e.g., AZCGGAC LINE CORD 1;INSTRUCTION MANUAL 1*)

ALL*

AKVZ J ACCESSORY IDENTIFYING NUMBER

Definition: THE SPECIFIC NUMBER USED TO IDENTIFY THE ACCESSORY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the identifying number.

(e.g., AKVZJAE79614*;

AKVZJAD011-024$$JAF5*)

REPLY CODE	REPLY (AG99)
AB	DRAWING NO.
AC	MODEL NO.
AD	PART NO.
AE	SERIAL NO.
AF	TYPE NO.

ALL*

AKWA G JOINT ELECTRONICS TYPE DESIGNATION SYSTEM ITEM NAME

Definition: THE NAME ASSIGNED TO THE ITEM BY THE JOINT ELECTRONICS TYPE DESIGNATION SYSTEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the reply in clear text.

(e.g., AKWAGOSCILLATOR, AUDIO-RADIO FREQUENCY*)

ALL*

AKWB G JOINT ELECTRONICS TYPE DESIGNATION SYSTEM ITEM TYPE NUMBER

Definition: THE TYPE NUMBER ASSIGNED TO THE ITEM BY THE JOINT ELECTRONICS TYPE DESIGNATION SYSTEM.

Reply Instructions: Enter the reply in clear text. (e.g., AKWBGAN/TIPIA*)

ALL*

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDFNY*)

REPLY CODE	REPLY (AN47)
FNY	ROHS DIRECTIVE COMPLIANCE

SECTION: K

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index in the General Information Section. (e.g., NAMED00743*)

ALL			
	APQB	D	UNIT TYPE

Definition: INDICATES THE TYPE OF UNIT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APQBDAMR*)

REPLY CODE	REPLY (AK95)
A	ANY ACCEPTABLE
AMR	ELECTROMECHANICAL
AMQ	ELECTRONIC

NOTE FOR MRC BGQZ: REPLY TO THIS MRC IF REPLY CODE AMQ IS ENTERED FOR MRC APQB, AND THE ITEM BEING DESCRIBED IS SEMICONDUCTOR ELECTRONIC TYPE.

ALL* (See Note Above)			
	BGQZ	D	SEMICONDUCTOR MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE SEMICONDUCTOR IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., BGQZDGH0000*; BGQZDCUE000$DSY0000*)

ALL			
	APNX	J	INPUT VOLTAGE RATING

APP Key	MRC	Mode Code	Requirements

Definition: THE INPUT VALUE(S), OR RANGE OF VALUES, FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1, 2, and 3 below, followed by the numeric value. (e.g., APNXJBVA19.0*; APNXJBVA10.0$$JBVA100.0*; APNXJCVB5.5$$JCVC7.0*)

Table 1

REPLY CODE	REPLY (AB62)
B	AC
C	DC

Table 2

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGAVOLTS
U	MICROVOLTS
L	MILLIVOLTS
V	VOLTS

Table 3

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

AZSL J INPUT CURRENT RATING

Definition: THE AMOUNT OF INPUT CURRENT FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Code from Tables 1 and 2 below, followed by the numeric value. (e.g., AZSLJAA50.0*; AZSLJAA0.6$$JAA4.0*; AZSLJAB0.5$$JAC1.7*)

Table 1

REPLY CODE	REPLY (AC30)
A	AMPERES
U	MICROAMPERES
L	MILLIAMPERES

Table 2

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

BGRB D DRIVE VOLTAGE RELATIONSHIP TO INPUT VOLTAGE

Definition: AN INDICATION OF WHETHER THE DRIVE VOLTAGE IS THE SAME AS, OR DIFFERENT FROM, THE INPUT VOLTAGE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BGRBDAE*)

REPLY CODE	REPLY (AL55)
AE	EQUAL
N	NOT RATED
AF	UNEQUAL

NOTE FOR MRCS BGRC AND BGRD: REPLY TO THESE MRCS, IF REPLY CODE AF IS ENTERED FOR MRC BGRB.

ALL* (See Note Above)

BGRC J DRIVE VOLTAGE RATING

Definition: THE VALUE, OR RANGE OF VALUES, FOR WHICH THE DRIVE IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1, 2, and 3 below, followed by the numeric value. (e.g., BGRCJBVA50.0*; BGRCJCVB5.5$$JCVC7.0*)

Table 1

REPLY CODE	REPLY (AB62)
B	AC
C	DC

Table 2

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGAVOLTS

APP Key	MRC	Mode Code	Requirements
		U	MICROVOLTS
		L	MILLIVOLTS
		V	VOLTS

Table 3

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL* (See Note Preceding MRC BGRC)

BGRD D DRIVE CURRENT RELATIONSHIP TO INPUT CURRENT

Definition: AN INDICATION OF WHETHER THE DRIVE CURRENT IS THE SAME AS, OR DIFFERENT FROM, THE INPUT CURRENT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BGRDDAE*)

REPLY CODE	REPLY (AL55)
AE	EQUAL
N	NOT RATED
AF	UNEQUAL

NOTE FOR MRCS BGRF AND BGRG: REPLY TO THESE MRCS, IF REPLY CODE AF IS ENTERED FOR MRC BGRD.

ALL* (See Note Above)

BGRF J DRIVE CURRENT RATING

Definition: THE AMOUNT OF CURRENT FOR WHICH THE DRIVE IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BGRFJAA3.0*; BGRFJLB48.0$$JLC52.0*)

Table 1

REPLY CODE	REPLY (AC30)
A	AMPERES
U	MICROAMPERES
L	MILLIAMPERES

APP Key	MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL* (See Note Preceding MRC BGRF)

BGRG J DRIVE FREQUENCY RATING

Definition: THE NUMBER OF COMPLETE CYCLIC CHANGES, PER UNIT OF TIME, FOR WHICH THE DRIVE IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BGRGJEA375.0*; BGRGJEB380.0$$JEC420.0*)

Table 1

REPLY CODE	REPLY (AC32)
G	GIGAHERTZ
E	HERTZ
K	KILOHERTZ
M	MEGAHERTZ

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

BGRH D OUTPUT/INPUT VOLTAGE RELATIONSHIP

Definition: AN INDICATION OF WHETHER THE OUTPUT VOLTAGE IS THE SAME AS, OR DIFFERENT FROM, THE INPUT VOLTAGE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BGRHDAE*; BGRHDAF$$DAF*; BGRHDAE$DAF*)

REPLY CODE	REPLY (AL55)
AE	EQUAL

APP Key	MRC	Mode Code	Requirements
		N	NOT RATED
		AF	UNEQUAL

NOTE FOR MRCS APPA, AQYD, AND APTS: REPLY TO THESE MRCS IF REPLY CODE AF IS ENTERED FOR MRC BGRH.

ALL* (See Note Above)

APPA J OUTPUT VOLTAGE RATING

Definition: THE OUTPUT VALUE(S), OR RANGE OF VALUES, FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1, 2, and 3 below, followed by the numeric value. (e.g., APPAJBVA2.5*; APPAJBVA110.0$$JBVA110.0*; APPAJBVB105.0$$JBVC115.0*)

Table 1

REPLY CODE	REPLY (AB62)
B	AC
C	DC

Table 2

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGAVOLTS
U	MICROVOLTS
L	MILLIVOLTS
V	VOLTS

Table 3

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL* (See Note Preceding MRC APPA)

AQYD J OUTPUT CURRENT RATING

Definition: THE OUTPUT CURRENT RATING AT WHICH THE ITEM IS DESIGNED TO OPERATE.

APP
Key MRC Mode Code Requirements

Reply Instructions: Enter the applicable Reply Code from Tables 1 and 2 below, followed by the numeric value. (e.g., AQYDJAA2.0*; AQYDJAA0.5$$JAA0.5*; AQYDJLB500.0$$JLC550.0*)

Table 1

REPLY CODE	REPLY (AC30)
A	AMPERES
U	MICROAMPERES
L	MILLIAMPERES

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL* (See Note Preceding MRC APPA)

APTS J OUTPUT FREQUENCY RATING

Definition: THE NUMBER OF COMPLETE CYCLIC CHANGES, PER UNIT OF TIME, FOR WHICH THE OUTPUT IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., APTSJEA380.0*; APTSJEA60.0$$JEA400.0*; APTSJEB50.0$$JEC60.0*)

Table 1

REPLY CODE	REPLY (AC32)
G	GIGAHERTZ
E	HERTZ
K	KILOHERTZ
M	MEGAHERTZ

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

BGRJ D REED TYPE

APP Key	MRC	Mode Code	Requirements

Definition: AN INDICATION OF THE TYPE OF REED PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BGRJDACN*)

REPLY CODE	REPLY (AK54)
A	ANY ACCEPTABLE
CHE	DUAL
ACN	SINGLE

ALL*

APFR D CONTACT ARRANGEMENT

Definition: THE DESIGNATION THAT IDENTIFIES THE SCHEMATIC DIAGRAM OF THE CONTACT CONFIGURATION.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APFRDCH*; APFRDBF$$DCJ*)

REPLY CODE	REPLY (AD85)
A	ANY ACCEPTABLE
BF	DOUBLE POLE, DOUBLE THROW
CJ	DOUBLE POLE, DOUBLE THROW, THREE POSITIONS MAINTAINED
CK	SINGLE POLE, DOUBLE THROW
CM	SINGLE POLE, DOUBLE THROW, DOUBLE BREAK
AK	SINGLE POLE, DOUBLE THROW, ONE POSITION MOMENTARY
CL	SINGLE POLE, DOUBLE THROW, OPEN NEUTRAL
AN	SINGLE POLE, DOUBLE THROW, THREE POSITIONS MAINTAINED
CH	TWO CIRCUIT, DOUBLE THROW

ALL*

BGRK D CONTACT OPERATION SEQUENCE

APP
Key MRC Mode Code Requirements

Definition: AN INDICATION OF WHETHER THE ITEM IS DESIGNED TO ACTUATE (MAKE) A CONTACT BEFORE OR AFTER THE PRECEDING CONTACT DEACTUATES (BREAKS).

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BGRKDB*; BGRKDB$$DC*)

REPLY CODE	REPLY (AD78)
A	ANY ACCEPTABLE
C	BREAKS BEFORE MAKES
B	MAKES BEFORE BREAKS

ALL*

BGRL J CONTACT VOLTAGE RATING

Definition: THE VALUE, OR RANGE OF VALUES, FOR WHICH THE CONTACT IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1, 2, and 3 below, followed by the numeric value. (e.g., BGRLJBVA100.0*; BGRLJBVB10.0$$JBVC100.0*)

Table 1

REPLY CODE	REPLY (AB62)
B	AC
C	DC

Table 2

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGAVOLTS
U	MICROVOLTS
L	MILLIVOLTS
V	VOLTS

Table 3

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements

ALL*

BGRM J CONTACT CURRENT RATING

Definition: THE AMOUNT OF CURRENT FOR WHICH THE CONTACT IS RATED.

Reply Instructions: Enter the applicable Reply Code from Tables 1 and 2 below, followed by the numeric value. (e.g., BGRMJAA2.0*; BGRMJAB2.0$$JAC4.0*)

Table 1

REPLY CODE	REPLY (AC30)
A	AMPERES
U	MICROAMPERES
L	MILLIAMPERES

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

BGRN B PHASE ANGLE IN DEG

Definition: THE DIFFERENCE IN PHASE BETWEEN TWO ALTERNATING QUANTITIES HAVING THE SAME FREQUENCY EXPRESSED IN DEGREES.

Reply Instructions: Enter the numeric value. (e.g., BGRNB17.0*; BGRNB50.0$$B55.0*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., BGRNKN*)

ALL

BGRP J DWELL TIME RATING IN DEG

Definition: THAT PORTION OF EACH DRIVING CYCLE DURING WHICH ELECTRICAL CONTINUITY EXISTS BETWEEN THE CENTER CONTACT AND ONE STATIONARY CONTACT.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BGRPJA165.0*; BGRPJB160.0$$JC185.0*)

Dwell time is also referred to as on-time or "closed time".

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., BGRPKN*)

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

AXNN D HERMETICALLY SEALED FEATURE

Definition: AN INDICATION AS TO WHETHER OR NOT A HERMETICALLY SEALED FEATURE IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AXNNDB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

ALL*

ADTV D CASE MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE CASE IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., ADTVDALC000*; ADTVDME0000$$DPC0000*; ADTVDME0000$DPC0000*)

ALL

AFGA J OPERATING TEMP RANGE

APP Key	MRC	Mode Code	Requirements

Definition: THE MINIMUM AND MAXIMUM LIMITS OF TEMPERATURE AT WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Code from the table below followed by the numeric value, separated by a slash. Precede negative values with an M and positive values with a P. (e.g., AFGAJCM65.0/P200.0*; AFGAJCM10.0/P65.0$JCM5.0/P75.0*)

REPLY CODE	REPLY (AB36)
C	DEG CELSIUS
F	DEG FAHRENHEIT

ALL*

AARA A TERMINAL QUANTITY

Definition: THE QUANTITY OF TERMINALS FOR PROVIDING ELECTRICAL CONNECTION TO THE ITEM.

Reply Instructions: Enter the quantity. (e.g., AARAA7*; AARAA4$$A6*)

ALL*

AARB D TERMINAL TYPE

Definition: THE SPECIFIC TYPE OF TERMINALS FOR PROVIDING ELECTRICAL CONNECTION TO THE ITEM.

Reply Instructions: Enter the applicable Reply Code from Appendix B , Reference Drawing Group A. (e.g., AARBDAA*; AARBDBJ$$DJB*)

ALL*

BGRQ D CABLE TYPE

Definition: AN INDICATION OF THE TYPE OF CABLE PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BGRQDF*; BGRQDB$$DF*)

REPLY CODE	REPLY (AC00)
A	ANY ACCEPTABLE
B	INPUT
F	OUTPUT

APP Key	MRC	Mode Code	Requirements

ALL*

ABHQ J LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF AN ITEM, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Code from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHQJAA70.000*; ABHQJLA254.0*; ABHQJAB55.000$$JAC56.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL*

BGRR D CABLE TERMINAL TYPE

Definition: AN INDICATION OF THE TYPE OF TERMINAL(S) FOR PROVIDING ELECTRICAL CONNECTION TO THE ITEM.

Reply Instructions: Enter the applicable Reply Code from Appendix B , Reference Drawing Group A. (e.g., BGRRDBH*; BGRRDBJ$$DJB*)

NOTE FOR MRCS ADAV, ABHP, ABMK, ABKW, ABFY AND ADUM: REPLY TO MRCS ADAV THROUGH ADUM ONLY WHEN APPLICABLE TO THE ITEM NAME BEING DESCRIBED. GIVE ALL DIMENSIONS EXCLUDING FLEXIBLE TERMINALS AND CABLES.

ALL* (See Note Above)

ADAV J OVERALL DIAMETER

APP Key	MRC	Mode Code	Requirements

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA2.400*; ADAVJLA50.8*; ADAVJAB2.395$$JAC2.405*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL* (See Note Preceding MRC ADAV)

ABHP J OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA8.000*; ABHPJLA254.0*; ABHPJAB7.750$$JAC8.250*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL* (See Note Preceding MRC ADAV)

ABMK J OVERALL WIDTH

APP
Key MRC Mode Code Requirements

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA2.500*; ABMKJLA50.8*; ABMKJAB2.437$$JAC2.565*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL* (See Note Preceding MRC ADAV)

ABKW J OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA2.500*; ABKWJLA50.8*; ABKWJAB2.437$$JAC2.563*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL* (See Note Preceding MRC ADAV)

ABFY J OVERALL DEPTH

APP Key	MRC	Mode Code	Requirements

Definition: AN OVERALL MEASUREMENT BETWEEN SPECIFIED POINTS OF AN ITEM IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABFYJAA2.400*; ABFYJLA50.8*; ABFYJAB2.395$$JAC2.405*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL* (See Note Preceding MRC ADAV)

ADUM J OVERALL THICKNESS

Definition: AN OVERALL MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADUMJAA2.500*; ADUMJLA50.8*; ADUMJAB2.495$$JAC2.505*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

BGRS D PLUG IN MOUNTING FEATURE

APP Key	MRC	Mode Code	Requirements

Definition: AN INDICATION OF WHETHER OR NOT A FEATURE FOR PLUG IN MOUNTING IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BGRSDB*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

NOTE FOR MRCS AWET, BGRT, BGRW, AXGY, ABDR, AKPV, AWYX, AND ALGC: IF REPLY CODE B IS ENTERED FOR MRC BGRS, REPLY TO MRCS AWET THROUGH BGRW. IF REPLY CODE C IS ENTERED FOR MRC BGRS, REPLY TO MRCS AXGY, ABDR, AKPV, AWYX, AND ALGC.

ALL* (See Note Above)

AWET D BASE TYPE

Definition: INDICATES THE TYPE OF BASE FURNISHED WITH THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWETDAEE*; AWETDAED$DAEE*)

REPLY CODE	REPLY (AJ57)
AED	RELAY SOCKET
AEE	STANDARD BASE

ALL* (See Note Preceding MRC AWET)

BGRT G BASE MOUNTING SIZE DESIGNATION

Definition: THE SIZE DESIGNATION OF THE MOUNTING BASE AS IT IS COMMERCIALLY KNOWN, AND/OR IDENTIFIED.

Reply Instructions: Enter the reply in clear text. (e.g., BGRTG7 PIN MINIATURE TUBE*)

ALL* (See Note Preceding MRC AWET)

BGRW G TERMINAL PATTERN ARRANGEMENT

APP Key	MRC	Mode Code	Requirements

Definition: AN INDICATION OF THE ARRANGEMENT OF THE TERMINAL PATTERN.

Reply Instructions: Enter the reply in clear text. (e.g., BGRWG1.062 IN. DIA TERMINAL LUG CIRCLE*)

ALL* (See Note Preceding MRC AWET)

AXGY D MOUNTING METHOD

Definition: THE MEANS OF ATTACHING THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AXGYDABC*; AXGYDABC$$DACR*)

REPLY CODE	REPLY (AM39)
ABC	BRACKET
ABH	CLAMP
ACR	FLANGE
ACP	HOLE
AAE	STUD
ACD	TERMINAL

ALL* (See Note Preceding MRC AWET)

ABDR D MOUNTING PROVISION

Definition: THE PROVISION(S) FOR MOUNTING THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ABDRDCN*; ABDRDCN$DCP*)

REPLY CODE	REPLY (AB21)
CN	HOLES
CP	SLOTS
CQ	STUDS
CR	TERMINALS

ALL* (See Note Preceding MRC AWET)

AKPV A MOUNTING FACILITY QUANTITY

Definition: THE NUMBER OF MOUNTING FACILITIES PROVIDED.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the quantity. (e.g., AKPVA4*)

ALL* (See Note Preceding MRC AWET)

AWYX G MOUNTING FACILITY SIZE

Definition: DESIGNATES THE SIZE OF THE MOUNTING FACILITY SIZE.

Reply Instructions: Enter the reply in clear text. (e.g., AWYXG0.112 IN. DIA BY 0.375 IN. LG*)

ALL* (See Note Preceding MRC AWET)

ALGC G MOUNTING CONFIGURATION

Definition: THE PATTERN OR ARRANGEMENT THAT DESCRIBES THE MOUNTING CONFIGURATION OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., ALGCGFOUR 0.125 IN. DIA MTG HOLES ON 2 IN. BY 2 IN. MTG CENTERS*)

ALL*

BGRX L BASE CONNECTION WIRING STYLE

Definition: THE STYLE DESIGNATION INDICATING THE CONFIGURATION THAT MOST NEARLY CORRESPONDS TO THE WIRING OF THE BASE CONNECTION.

Reply Instructions: Enter the applicable reply from Appendix B , Reference Drawing Group B. (e.g., BGRXLA2*)

ALL*

APAG D COIL TYPE

Definition: INDICATES THE TYPE OF COIL USED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APAGDABP*)

REPLY CODE	REPLY (AK03)
ABP	ISOLATED
ABQ	NOT ISOLATED

APP Key	MRC	Mode Code	Requirements

NOTE FOR MRC BGRY: IF REPLY CODE ABP IS ENTERED FOR MRC APAG, REPLY TO MRC BGRY ONLY IF COIL CONNECTIONS ARE LOCATED OTHER THAN THE BOTTOM OF THE SOCKET OR BASE.

ALL* (See Note Above)

BGRY D CONNECTION LOCATION

Definition: AN INDICATION OF THE CONNECTION LOCATION.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BGRYDABD*)

REPLY CODE	REPLY (AJ91)
ACZ	SIDE
ABD	TOP

ALL*

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDFNY*)

REPLY CODE	REPLY (AN47)
FNY	ROHS DIRECTIVE COMPLIANCE

SECTION: L

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME
	Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.		
	Reply Instructions: Enter the applicable Item Name Code from the index in the General Information Section. (e.g., NAMED19768*)		
LA			
	BHQH	A	RECTIFIER QUANTITY
	Definition: THE NUMBER OF RECTIFIERS PROVIDED.		
	Reply Instructions: Enter the quantity. (e.g., BHQHA4*)		
LB			
	BHQJ	D	RECTIFYING MATERIAL
	Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE RECTIFYING MATERIAL IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., BHQJDSY0000*; BHQJDCUE000$$DSY0000*; BHQJDSY0000$DSLJ000*)		
LB			
	BHQK	A	INDIVIDUAL CIRCUIT CONNECTION QUANTITY
	Definition: THE NUMBER OF INDIVIDUAL CIRCUIT CONNECTIONS PROVIDED.		
	Reply Instructions: Enter the quantity. (e.g., BHQKA2*; BHQKA3$$A4*)		
LA			
	BHQL	A	INDIVIDUAL RECTIFIER QUANTITY
	Definition: THE NUMBER OF INDIVIDUAL RECTIFIERS PROVIDED.		

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the quantity. (e.g., BHQLA2*; BHQLA1$$A2*)

LA

BHQM D INDIVIDUAL RECTIFIER TYPE

Definition: INDICATES THE TYPE OF INDIVIDUAL RECTIFIER PROVIDED.

Reply Instructions: Enter the applicable reply from the table below. (e.g., BHQMDCW*; BHQMDCW$$DBS*; BHQMDCW$DBS*)

REPLY CODE	REPLY (AK80)
A	ANY ACCEPTABLE
CW	COPPER OXIDE
FL	MAGNESIUM COPPER SULFIDE
BS	SELENIUM
BT	SILICONE

ALL

APBT D CIRCUIT TYPE

Definition: INDICATES THE SPECIFIC TYPE OF CIRCUIT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 7. (e.g., APBTDAAK*; APBTDAAJ$$DAAL*; APBTDAAJ$DAAL*)

ALL

FAAZ D PHASE

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., FAAZDA*; FAAZDA$$DC*; FAAZDA$DB*)

See Appendix B, Reference Drawing Group C, for clarification of rectifier data.

REPLY CODE	REPLY (AD02)
A	SINGLE
C	THREE
B	TWO

APP Key	MRC	Mode Code	Requirements

ALL

BHQN D RECTIFICATION METHOD

Definition: THE MEANS USED TO CHANGE ALTERNATING CURRENT VOLTAGE TO DIRECT CURRENT VOLTAGE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BHQNDAAX*; BHQNDAAX$$DAAM*; BHQNDAAX$DAAM*)

See Appendix B, Reference Drawing Group C, for clarification of rectifier data.

REPLY CODE	REPLY (AK33)
A	ANY ACCEPTABLE
AAX	FULL WAVE
AAM	HALF WAVE
AAY	RING MODULATOR

ALL

ASCT J RMS INPUT MAXIMUM VOLTAGE RATING

Definition: THE HIGHEST VALUE OF ROOT MEAN SQUARE POTENTIAL THAT CAN BE INPUT TO THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ASCTJV60.0*; ASCTJV110.0$$JV220.0*)

REPLY CODE	REPLY (AB63)
L	MILLIVOLTS
V	VOLTS

ALL

BHQP J MAXIMUM OUTPUT CURRENT RATING

Definition: THE MAXIMUM AMOUNT OF OUTPUT CURRENT FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BHQPJAA1.5*; BHQPJAA12.0$$JAA22.0*)

REPLY CODE	REPLY (AB49)

APP Key	MRC	Mode Code	Requirements
		AA	AMPERES
		CK	MICROAMPERES
		BA	MILLIAMPERES

ALL*

ASCX D LOAD TYPE

Definition: INDICATES THE TYPE OF LOAD FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ASCXDAE*; ASCXDAD$$DAC*; ASCXDAD$DAC*)

REPLY CODE	REPLY (AK53)
A	ANY ACCEPTABLE
AE	CAPACITIVE
AD	INDUCTIVE
AC	RESISTIVE

ALL

BHQQ J DC OUTPUT MAXIMUM VOLTAGE RATING

Definition: THE MAXIMUM DIRECT CURRENT OUTPUT VOLTAGE RATING AT WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BHQQJVAB97.0*; BHQQJVAB105.0$$JVAC100.0*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., BHQQKN*)

Table 1

REPLY CODE	REPLY (AB63)
L	MILLIVOLTS
V	VOLTS

Table 2

REPLY CODE	REPLY (AL71)
AC	AGED
AB	NEW

APP Key	MRC	Mode Code	Requirements

LB

AYNH J OPERATING AMBIENT TEMP RANGE

Definition: THE AMBIENT TEMPERATURE RANGE AT WHICH THE ITEM IS DESIGNED TO OPERATE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric values, separated by a slash. Precede negative values with an M and positive values with a P. (e.g., AYNHJCM10.0/P50.0*; AYNHJCM54.0/P75.0$$JCM54.0/P75.0*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., AYNHKN*)

REPLY CODE	REPLY (AB36)
C	DEG CELSIUS
F	DEG FAHRENHEIT

NOTE FOR MRCS ABHP, ABMK, ADAV, ABKW AND ABFY: REPLIES TO MRCS ABHP THROUGH ABFY ARE TO BE GIVEN EXCLUDING PROTRUDING TERMINALS.

LB* (See Note Above)

ABHP J OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA8.000*; ABHPJLA254.0*; ABHPJAB7.750$$JAC8.250*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL

APP Key	MRC	Mode Code	Requirements
		B	MINIMUM
		C	MAXIMUM

LB* (See Note Preceding MRC ABHP)

ABMK J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA2.500*; ABMKJLA50.8*; ABMKJAB2.495$$JAC2.505*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

LB* (See Note Preceding MRC ABHP)

ADAV J OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA2.400*; ADAVJLA50.8*; ADAVJAB2.395$$JAC2.405*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL

APP Key	MRC	Mode Code	Requirements
		B	MINIMUM
		C	MAXIMUM

LB* (See Note Preceding MRC ABHP)

ABKW J OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA2.500*; ABKWJLA50.8*; ABKWJAB2.495$$JAC2.505*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

LB* (See Note Preceding MRC ABHP)

ABFY J OVERALL DEPTH

Definition: AN OVERALL MEASUREMENT BETWEEN SPECIFIED POINTS OF AN ITEM IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABFYJAA2.400*; ABFYJLA50.8*; ABFYJAB2.395$$JAC2.405*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL

APP Key	MRC	Mode Code	Requirements
		B	MINIMUM
		C	MAXIMUM
LA*			
	BHQR	G	RECTIFIER IDENTIFYING NUMBER
	Definition: AN IDENTIFYING NUMBER ASSIGNED BY THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE RECTIFIER.		
	Reply Instructions: Enter the National Stock Number. If no NSN, enter the manufacturers name and part number. (e.g., BHQRG6130-00-127-0000*)		
	Separate multiple replies with a semicolon.		
	(e.g., BHQRGAEROTRONIC CONTROLS TYPE NO. CR-5;AEROTRONIC CONTROLS TYPE NO. CP-6*)		
LB*			
	AXGY	D	MOUNTING METHOD
	Definition: THE MEANS OF ATTACHING THE ITEM.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 4. (e.g., AXGYDABC*; AXGYDABR$DARD*)		
LB*			
	ALGC	G	MOUNTING CONFIGURATION
	Definition: THE PATTERN OR ARRANGEMENT THAT DESCRIBES THE MOUNTING CONFIGURATION OF THE ITEM.		
	Reply Instructions: Enter the reply in clear text. (e.g., ALGCGFOUR 0.125 IN. DIA MTG HOLES ON 2 IN. BY 2 IN. MTG CENTERS*)		
LB			
	AARA	A	TERMINAL QUANTITY
	Definition: THE QUANTITY OF TERMINALS FOR PROVIDING ELECTRICAL CONNECTION TO THE ITEM.		

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the quantity. (e.g., AARAA7*; AARAA2$$A2*)

LB*

AARB D TERMINAL TYPE

Definition: THE SPECIFIC TYPE OF TERMINALS FOR PROVIDING ELECTRICAL CONNECTION TO THE ITEM.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 5. (e.g., AARBDBB*; AARBDBE$$DFX*)

LB*

AERK D GROUNDING PROVISION

Definition: AN INDICATION OF WHETHER OR NOT A METAL STRAP, CABLE, WIRE, OR THE LIKE, IS INCLUDED TO PROVIDE A CURRENT PATH TO GROUND TO ASSURE THAT THE ITEM WILL NOT BE ELECTRICALLY CHARGED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AERKDC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

LB*

SURF D SURFACE TREATMENT

Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPED OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS A SURFACE.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 3. (e.g., SURFDAN0000*; SURFDFNS000$$DFNAF00*; SURFDLQ0011$DLQ0000*)

LB*

AKNA D INCLOSURE TYPE

APP Key	MRC	Mode Code	Requirements

Definition: THE TYPE OF INCLOSURE PROVIDED TO COAT, COVER, PROTECT, OR ENCASE THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AKNADBQ*; AKNADBS$DBX*)

REPLY CODE	REPLY (AG85)
A	ANY ACCEPTABLE
BQ	CASTING RESIN
AC	ENCAPSULATED
BR	GLASS CASE
BS	HERMETICALLY SEALED METAL CASE
BT	METAL CASE
BW	PHENOLIC CASE
BX	PLASTIC ENCAPSULATED CASE

ALL*

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDFNY*)

REPLY CODE	REPLY (AN47)
FNY	ROHS DIRECTIVE COMPLIANCE

SECTION: STANDARD

APP Key	MRC	Mode Code	Requirements
ALL*			
	FEAT	G	SPECIAL FEATURES

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., FEATGADJUSTABLE NOSE CLIP*; FEATGADJUSTABLE NOSE PIECE; DISPOSABLE*)

ALL*			
	TEST	J	TEST DATA DOCUMENT

Definition: THE SPECIFICATION, STANDARD, DRAWING, OR SIMILAR INSTRUMENT THAT SPECIFIES ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS OR TEST CONDITIONS UNDER WHICH AN ITEM IS TESTED AND ESTABLISHES ACCEPTABLE LIMITS WITHIN WHICH THE ITEM MUST CONFORM IDENTIFIED BY AN ALPHABETIC AND/OR NUMERIC REFERENCE NUMBER. INCLUDES THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE ENTITY CONTROLLING THE INSTRUMENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the 5-position CAGE Code, a dash, and the document identification number.

(e.g., TESTJA12345-CWX654321*;

TESTJA1234A-654321$$JB5556A-663654*;

TESTJAA2345-654321$JB55566-663654*)

REPLY CODE	REPLY (AC28)
A	SPECIFICATION (Includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical," "average," "nominal," etc.)
B	STANDARD (Includes industry or association standards, individual manufacturer standards, etc.)

APP Key	MRC	Mode Code	Requirements
		C	DRAWING (This is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard, or other document that may be referenced in a basic governing drawing)

ALL*

SPCL G SPECIAL TEST FEATURES

Definition: TEST CONDITIONS AND RATINGS, OR ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS THAT ARE DIFFERENT, MORE CRITICAL, OR MORE SPECIFIC THAN THOSE SPECIFIED IN A GOVERNING TEST DATA DOCUMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SPCLGSELECTED AND TESTED FOR NAVIGATIONAL SYSTEMS*)

ALL*

ZZZK J SPECIFICATION/STANDARD DATA

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

(e.g., ZZZKJT81337-30642B*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED/*;

ZZZKJP80205-NAS1103*;

ZZZKJS81349-MIL-C-1140C/CE/*;

ZZZKJT81337-30642B$$JP80205-NAS1103*)

APP
Key MRC Mode Code Requirements

REPLY CODE	REPLY (AN62)
S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
B	NATIONAL STD/SPEC
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION
P	PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

NOTE FOR MRC ZZZT: IF THE SPECIFICIATION/STANDARD CITED IN REPLY TO MRC ZZZK IS NONDEFINITIVE, REPLY TO MRC ZZZT. THIS REPLY IS THE DATA WHICH IS NOT RECORDED IN SEGMENT C.

ALL* (See Note Above)

ZZZT J NONDEFINITIVE SPEC/STD DATA

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1*; ZZZTJTY1$$JSTA*; ZZZTJTY1$JSTA*)

ALL*

ZZZW G DEPARTURE FROM CITED DOCUMENT

Definition: THE TECHNICAL DIFFERENTIATING CHARACTERISTIC(S) OF AN ITEM OF SUPPLY WHICH DEPART(S) FROM THE TEXT OF A SPECIFICATION OR A STANDARD IN THAT IT REPRESENTS A SELECTION OF CHARACTERISTICS STATED IN THE SPECIFICATION OR STANDARD AS BEING OPTIONAL, OR A VARIATION FROM ONE OR MORE OF THE STATED CHARACTERISTICS, OR AN ADDITIONAL CHARACTERISTIC NOT STATED IN THE SPECIFICATION OR STANDARD.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZWGAS MODIFIED BY MATERIAL*)

APP Key	MRC	Mode Code	Requirements
ALL*			
	ZZZX	G	DEPARTURE FROM CITED DESIGNATOR
			Definition: THE VARIATION WHEN THE ITEM IS IN CONFORMITY WITH A TYPE DESIGNATOR COVERED BY A SPECIFICATION OR STANDARD, EXCEPT IN REGARD TO ONE OR MORE TECHNICAL DIFFERENTIATING CHARACTERISTICS.
			Reply Instructions: Enter the reply in clear text. (e.g., ZZZXGAS MODIFIED BY MATERIAL*)
ALL*			
	ZZZY	G	REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS
			Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.
			Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS*; ZZZYGAS DIFFERENTIATED BY MATERIAL*)
ALL*			
	CRTL	A	CRITICALITY CODE JUSTIFICATION
			Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.
			Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAMATL*; CRTLAMATL$$ASURF*)
			Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.
NOTE FOR MRC PRPY: IF DOCUMENT AVAILABILITY CODE B, D, F, OR H, REPLY TO MRC PRPY.			
ALL* (See Note Above)			

APP Key	MRC	Mode Code	Requirements
	PRPY	A	PROPRIETARY CHARACTERISTICS

Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.

Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding ($$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS*; PRPYANPAC*; PRPYAMATL$$ASURF*)

NOTE FOR MRC ENAC: ANSWERING THIS MRC WILL GENERATE AN ENAC CODE IN THE ITEM IDENTIFICATION SEGMENT (A) OF THE NSN.

ALL* (See Note Above)

	ENAC	D	ENVIRONMENTAL ATTRIBUTE CODE

Definition: INDICATES THE TYPE OF PRODUCT THAT MEETS OR EXCEEDS THE GOVERNMENT GUIDELINES FOR ENVIRONMENTALLY PREFERRED CHARACTERISTICS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ENACDG4*)

REPLY CODE	REPLY (EN02)
G4	COMPREHENSIVE PROCUREMENT GUIDELINE - VEHICULAR PRODUCTS - REBUILT VEHICULAR PARTS

ALL*

	ELRN	G	EXTRA LONG REFERENCE NUMBER

Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code unless there is more than one extra long reference number on the NSN, (e.g., ELRNGANN112036BIL060557LEN313605UZ62365*).

If there is more than one extra long reference number on the NSN, include the CAGE or NCAGE and separate each reference by using the "&" character, (e.g., 28480 ANN112036BIL060557LEN313605UZ62365 & S1234 NN112036BIL060557LEN313605UZ62365).

In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.

ALL*

ELCD D EXTRA LONG CHARACTERISTIC DESCRIPTION

Definition: A DESCRIPTION THAT EXCEEDS 5000 CHARACTERS.

Reply Instructions: Enter the Reply Code from the table below. (e.g., ELCDDA*)

REPLY CODE	REPLY (AN58)
A	ADDITIONAL DESCRIPTIVE DATA ON MANUAL RECORD

SECTION: SUPPTECH

APP Key	MRC	Mode Code	Requirements
ALL			
	AFJK	J	CUBIC MEASURE

Definition: A MEASUREMENT OF VOLUME TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE HEIGHT OF AN ITEM AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AFJKJB8.000*; AFJKJC131.1*)

REPLY CODE	REPLY (AD42)
C	CUBIC CENTIMETERS
B	CUBIC INCHES

ALL			
	AGAV	G	END ITEM IDENTIFICATION

Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.

Reply Instructions: Enter the reply in clear text.

(e.g., AGAVG3930-00-000-0000*;

AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A*)

ALL			
	ALCD	G	USAGE DESIGN

Definition: INDICATES THE DESIGNED USE OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., ALCDGPROVIDES VOLTAGE REGULATION FOR POWER UNIT*)

ALL			
	PRMT	D	PRECIOUS MATERIAL

Definition: IDENTIFICATION OF THE PRECIOUS MATERIAL CONTAINED IN THE ITEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., PRMTDAGA000*; PRMTDAUA000$$DAGA000*; PRMTDAGA000$DAUA000*)

REPLY CODE	REPLY (MA01)
AUA000	GOLD
IRA000	IRIDIUM
AZA000	OSMIUM
PDA000	PALLADIUM
PTA000	PLATINUM
RHA000	RHODIUM
RTA000	RUTHENIUM
AGA000	SILVER

ALL

PMWT J PRECIOUS MATERIAL AND WEIGHT

Definition: AN INDICATION OF THE PRECIOUS MATERIAL CONTAINED IN THE ITEM, AND THE AMOUNT PER A MEASUREMENT SCALE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. Enter multiple replies in Table 1 sequence. (e.g., PMWTJPTA000R0.780*; PMWTJAUA000F0.500$$JAGA000R0.780*; PMWTJAUA000F0.500$JAGA000R0.780*)

Table 1

REPLY CODE	REPLY (MA01)
AUA000	GOLD
IRA000	IRIDIUM
AZA000	OSMIUM
PDA000	PALLADIUM
PTA000	PLATINUM
RHA000	RHODIUM
RTA000	RUTHENIUM
AGA000	SILVER

Table 2

REPLY CODE	REPLY (AG14)
E	GRAINS, TROY
R	GRAMS
F	OUNCES, TROY

ALL

APP Key	MRC	Mode Code	Requirements
	PMLC	J	PRECIOUS MATERIAL AND LOCATION

Definition: AN INDICATION OF THE PRECIOUS MATERIAL AND ITS LOCATION IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the location in clear text. (e.g., PMLCJAUA000TERMINALS*; PMLCJAUA000TERMINALS$$JAGA000INTERNAL SURFACES*; PMLCJAGA000TERMINALS$JAUA000INTERNAL SURFACES*)

REPLY CODE	REPLY (MA01)
AUA000	GOLD
IRA000	IRIDIUM
AZA000	OSMIUM
PDA000	PALLADIUM
PTA000	PLATINUM
RHA000	RHODIUM
RTA000	RUTHENIUM
AGA000	SILVER

ALL

SUPP G SUPPLEMENTARY FEATURES

Definition: CHARACTERISTICS OR QUALITITES OF AN ITEM, NOT COVERED IN ANY OTHER REQUIREMENT, WHICH ARE CONSIDERED ESSENTIAL INFORMATION FOR ONE OR MORE FUNCTIONS EXCLUDING NSN ASSIGNMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SUPPGMAY INCL HOLE IN UPPER SUPPORT FOR MTG DURING SHIPMENT*)

Separate multiple replies with a semicolon. (e.g., SUPPGAMP AND VOLTMETER;THREE WIRE CORD AND PLUG*)

ALL

FCLS A FUNCTIONAL CLASSIFICATION

Definition: THE ALPHA-NUMERIC DESIGNATION THAT IDENTIFIES THE CLASSIFICATION OF THE ITEM ACCORDING TO THE CATEGORY OF FUNCTIONS PERFORMED.

Reply Instructions: Enter the reply from the applicable document.

APP Key	MRC	Mode Code	Requirements
	(e.g., FCLSAHH-1.5*)		
ALL			
	FTLD	G	FUNCTIONAL DESCRIPTION
	Definition: DESCRIBES THE CAPABILITIES, INTENDED USE, AND/OR PURPOSE FOR WHICH THE ITEM IS PROVIDED.		
	Reply Instructions: Enter description of function as concisely as possible. (e.g., FTLDGUSED TO INSTALL/REMOVE ENGINE NACELLE*)		
ALL			
	TMDN	A	TYPE/MODEL DESIGNATION
	Definition: THE ALPHA-NUMERIC-ALPHA DESIGNATION USED TO IDENTIFY THE TYPE AND/OR MODEL OF THE BASIC ITEM.		
	Reply Instructions: Enter the appropriate designation data.		
	(e.g., TMDNAMSV-615/M*)		
ALL			
	RTSE	G	RELATIONSHIP TO SIMILAR EQUIPMENT
	Definition: INDICATES THE RELATIONSHIP, SUCH AS CONSTRUCTION, CAPABILITIES, AND THE LIKE, OF THE ITEM TO A SIMILAR ITEM.		
	Reply Instructions: Enter concise statement for similar item including name and identifying data.		
	(e.g., RTSEGSIMILAR TO LOCKHEED OVERWING ENGINE HOIST P/N 61521-58*)		
ALL			
	RDAL	G	REFERENCE DATA AND LITERATURE
	Definition: LITERATURE AND REFERENCES AVAILABLE FOR INFORMATION PERTAINING TO THE ITEM.		
	Reply Instructions: Enter data appropriate and in a concise manner to identify informational references covering the item.		

APP Key	MRC	Mode Code	Requirements

(e.g., RDALGNAAVAIROIA/VFK58 A-2.2.9*)

ALL

NTRD A ENTRY DATE

Definition: INDICATE THE DATE THE ITEM WAS ENTERED INTO MIL-HDBK-300.

Reply Instructions: Enter the date structured in three hyphenated 2 position segments to indicate the last 2 digits of the calendar year, month, and day.

(e.g., NTRDA80-05-28*)

ALL

ZZZP J PURCHASE DESCRIPTION IDENTIFICATION

Definition: THE CONTROLLING ACTIVITY AND IDENTIFICATION OF A DOCUMENT USED IN LIEU OF A SPECIFICATION IN THE PROCUREMENT OF AN ITEM OF SUPPLY.

Reply Instructions: Enter the 5-position Commercial and Government Entity (CAGE) Code, followed by a dash and the identifying number of the document.

(e.g., ZZZPJ81A37-30624A*)

ALL

ZZZV G FSC APPLICATION DATA

Definition: THE JUSTIFICATION FOR THE ASSIGNMENT OF A FEDERAL SUPPLY CLASS (FSC) TO AN ITEM BASED ON THE CLASSIFICATION OF THE NEXT HIGHER CLASSIFIABLE ASSEMBLY.

Reply Instructions: Enter the name of the next higher classifiable assembly in clear text. (e.g., ZZZVGFUEL SYSTEM, GASOLINE ENGINE, NONAIRCRAFT*)

ALL

CXCY G PART NAME ASSIGNED BY CONTROLLING AGENCY

Definition: THE NAME ASSIGNED TO THE ITEM BY THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE DESIGN OF THE ITEM.

APP Key	MRC	Mode Code	Requirements
	Reply Instructions: Enter the reply in clear text. (e.g., CXCYGLINE PROCESSOR CONTROL BOARD*)		

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Reply Tables

Table 1 - MATERIALS

MATERIALS

REPLY CODE	REPLY (AD09)
ALC000	ALUMINUM
AL0000	ALUMINUM ALLOY
AL0370	ALUMINUM ALLOY, QQ-A-250/8, ALLOY 5052, H32
AL0385	ALUMINUM ALLOY, QQ-A-250/11, ALLOY 6061,0
A	ANY ACCEPTABLE
BR0000	BRASS
CU0000	COPPER
CUE000	COPPER OXIDE
GH0000	GERMANIUM
FE0000	IRON
ME0000	METAL
PC0000	PLASTIC
RCAZ00	RUBBER, HARD
RCAAP0	RUBBER, MOLDED
SY0000	SELENIUM
SLJ000	SILICON
ST0000	STEEL
WD0000	WOOD

Table 2 - NONDEFINITIVE SPEC/STD DATA

NONDEFINITIVE SPEC/STD DATA

REPLY CODE	REPLY (AD08)
AL	ALLOY
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION

REPLY CODE	REPLY (AD08)
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE
GP	GROUP
BA	IMAGE COLOR
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
AA	MARKER
ML	MATERIAL
BB	MAXIMUM DENSITY
MH	MESH
ME	METHOD
BC	MINIMUM DENSITY
MD	MODEL
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE

REPLY CODE	REPLY (AD08)
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE
SS	SUBCLASS
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

Table 3 - SURFACE TREATMENT
SURFACE TREATMENT

REPLY CODE	REPLY (AD09)
AN0000	ANODIZED
A	ANY ACCEPTABLE
	Baked Lacquer Paint (use Reply Code LQA000)
CLA000	CHEMICAL FILM
CH0000	CHROME
CHC000	CHROME PLATED
	Cracked Enamel (use Reply Code ENAT00)
	Crinkle-Enameled (use Reply Code ENAAD0)
EN0000	ENAMEL
ENAT00	ENAMEL, CRACKLE
ENAZ00	ENAMEL, DULL GRAY
ENH000	ENAMEL, GRAY
ENAAE0	ENAMEL, GRAY CRACKLE
ENAAD0	ENAMEL, RIPPLED
EN0015	ENAMEL, TT-E-529, CLASS B
ENC000	ENAMELED
	Enameled on Front Panels (use Reply Code ENC000)
ECB000	ETCH, ALKALI

REPLY CODE	REPLY (AD09)
FGA000	FIBERGLASS, EPOXY
FNS000	FINISH, CRACKLE
FNAF00	FINISH, WRINKLE
FNAY00	FINISH, WRINKLE, GREEN
	Flat Gray Enamel (use Reply Code ENAZ00)
	Fungicide Varnish (use Reply Code VAB000)
LQ0000	LACQUER
LQA000	LACQUER BAKED-ON OVER ZINC COATED
LQL000	LACQUER, GRAY
LQ0011	LACQUER, MIL-V-173
NR0000	NATURAL
PN0000	PAINTED
	Seagray Lacquer (use Reply Code LQL000)
AGE000	SILVER PLATED
VAB000	VARNISH
ZNN000	ZINC PLATED
	2 Coats Rubber Base Enamel w/Fungicide per MIL-V-173A (use Reply Code LQ0011)

Table 4 - MOUNTING METHOD

MOUNTING METHOD

REPLY CODE	REPLY (AM39)
A	ANY ACCEPTABLE
AAC	BOLT
ABC	BRACKET
ATY	CABINET W/COMPLETE HARDWARE FOR RACK
ARK	CARRYING CASE
ATZ	CRADLE IN CABINET
ACR	FLANGE
ACP	HOLE
ABR	RACK
AHZ	SLIDE
AWB	SLIDE SUPPORT
ABY	SLOT
AAE	STUD
ARD	TABLE
ATS	WALL

Table 5 - TERMINAL TYPE

TERMINAL TYPE

REPLY CODE	REPLY (AA58)
A	ANY ACCEPTABLE
AA	BINDING POST
AB	BRACKET
BL	BUS BAR

REPLY CODE	REPLY (AA58)
JT	BUTTON
NL	CONNECTOR
BQ	CONNECTOR, RECEPTACLE
KG	CONNECTOR W/LEADS
AJ	FERRULE
KN	FLAT SURFACE
FQ	LUG
KW	NUT-BOLT
AM	PIN
BG	PLUG
MC	RECEPTACLE
BE	SCREW
FW	SOLDER LUG
HH	SOLDER LUG W/WIRE LEAD
MW	SOLDER POST
FX	STUD
RX	TAPERED POST
LJ	THREADED POST
AZ	THREADED STUD
BA	TURRET
BB	WIRE LEAD

Table 6 - MOUNTING TYPE
MOUNTING TYPE

REPLY CODE	REPLY (AA78)
A	ANY ACCEPTABLE
BF	BASE
BT	BENCH
CP	CABINET
CH	CASE
CA	FLOOR
JF	METAL CASE
CJ	PANEL
EE	PORTABLE
JG	PORTABLE CASE
FM	RACK
JH	SELF-CONTAINED IN CASE
GA	SHOCK
BY	TABLE
JK	THREADED STUD

Table 7 - CIRCUIT TYPE
CIRCUIT TYPE

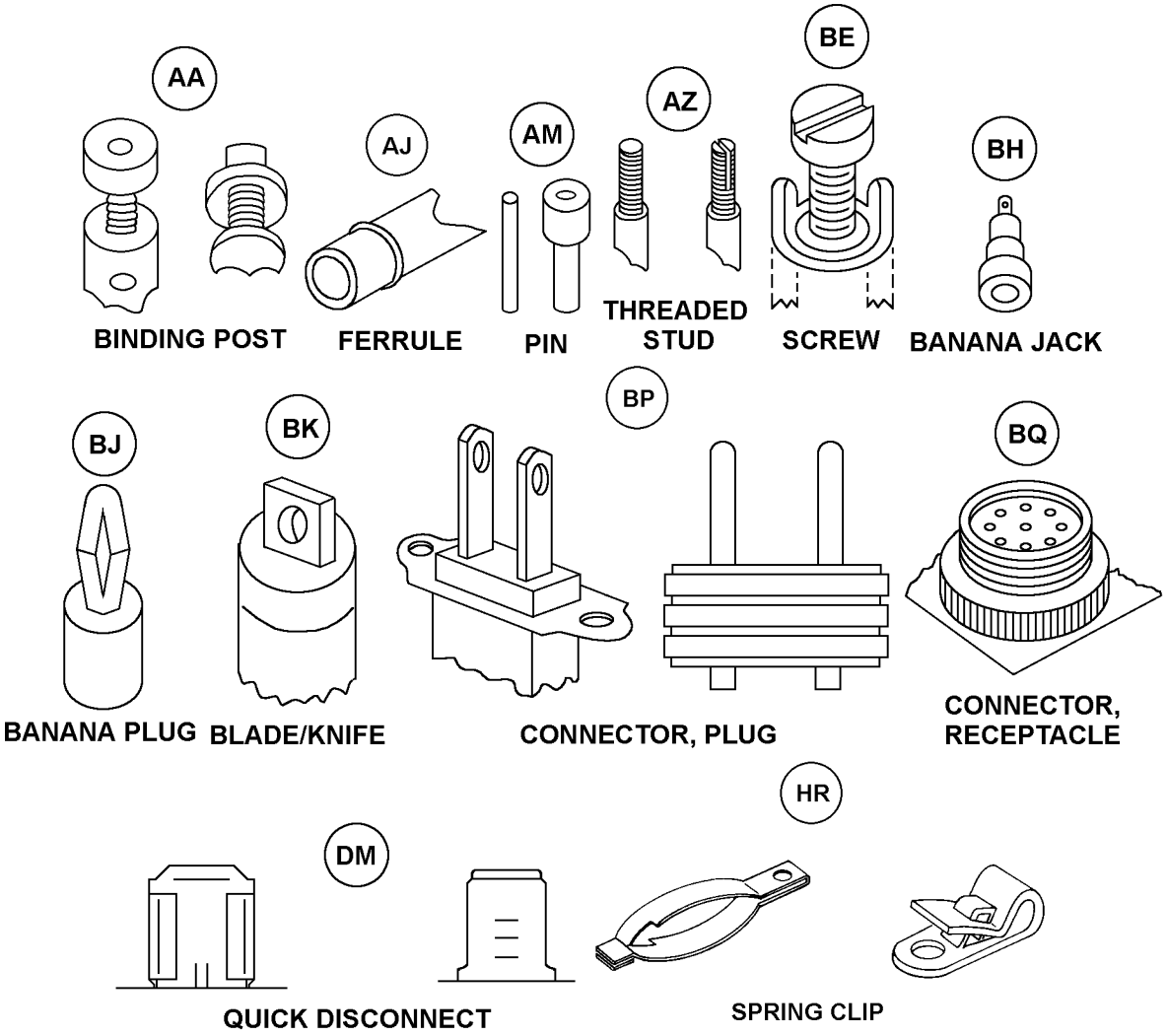
REPLY CODE	REPLY (AK33)

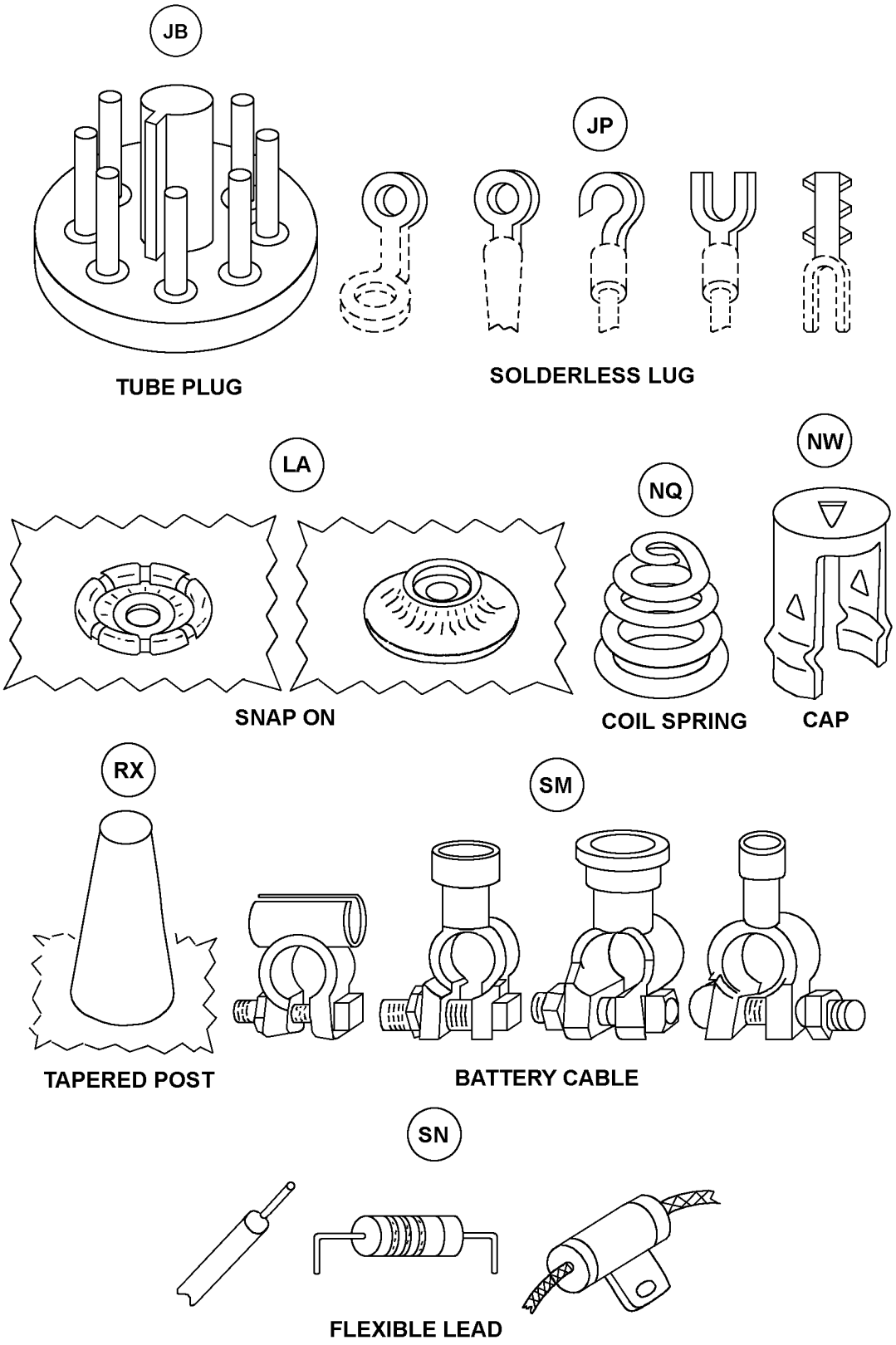
REPLY CODE	REPLY (AK33)
A	ANY ACCEPTABLE
AAJ	BRIDGE
AAK	CENTER TAP
AAL	DOUBLER
AAM	HALF WAVE
AAN	INVERTED CENTER TAP
AAP	INVERTED HALF WAVE
AAQ	MAGNETIC AMPLIFIER BRIDGE
AAR	MAGNETIC AMPLIFIER OPEN BRIDGE
AAS	OPEN BRIDGE
AAT	RING
AAW	TRIPLER

Reference Drawing Groups

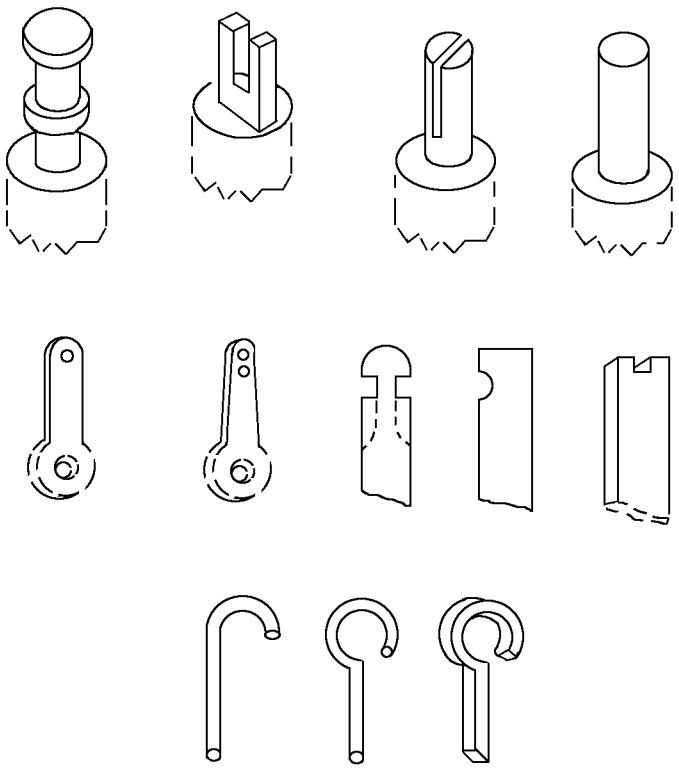
REFERENCE DRAWING GROUP A

TERMINAL TYPES



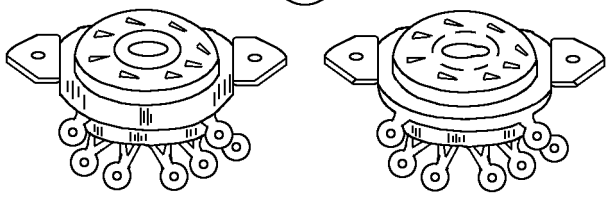

JB
TUBE PLUG
JP
SOLDERLESS LUG
LA
SNAP ON
NQ
COIL SPRING
NW
CAP
RX
TAPERED POST
SM
BATTERY CABLE
SN
FLEXIBLE LEAD

SP



SOLDER LUG/ STUD

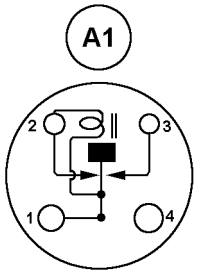
SQ



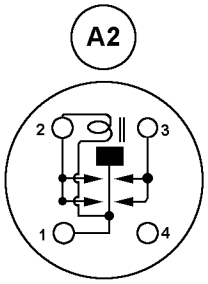
TUBE SOCKET

REFERENCE DRAWING GROUP B

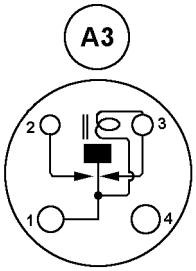
VIBRATOR BASE CONNECTIONS



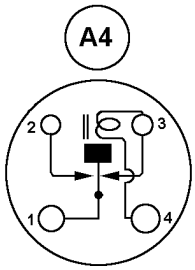
4 PIN RMA
STANDARD TUBE



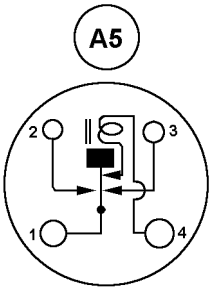
4 PIN RMA
STANDARD TUBE



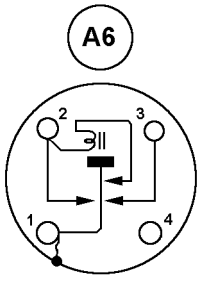
4 PIN RMA
STANDARD TUBE



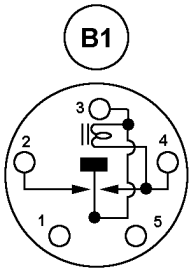
4 PIN RMA
STANDARD TUBE



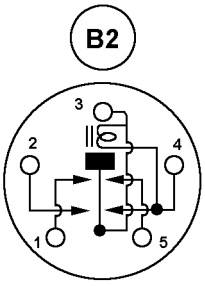
4 PIN RMA
STANDARD TUBE



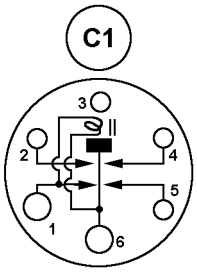
4 PIN RMA
STANDARD TUBE



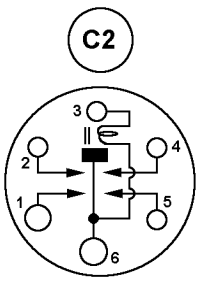
5 PIN RMA
STANDARD TUBE



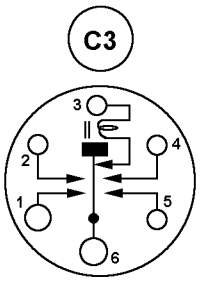
5 PIN RMA
STANDARD TUBE



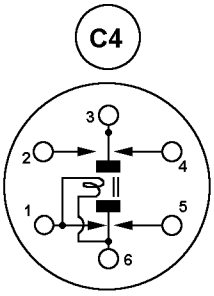
6 PIN RMA
STANDARD TUBE



6 PIN RMA
STANDARD TUBE



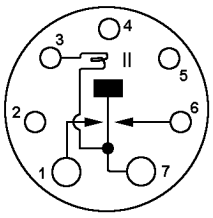
6 PIN RMA
STANDARD TUBE



6 PIN SPECIAL BASE

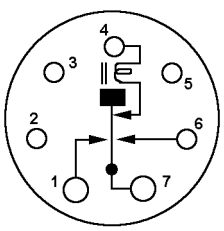
NOTE: NO. 4 PIN REMOVED, VIBRATOR WILL FIT RMA STANDARD OCTAL BASE AND WILL OPERATE NONSYNCHRONOUSLY.

D1



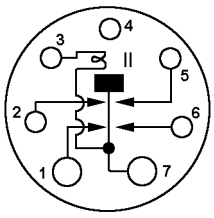
7 PIN
STANDARD TUBE

D2



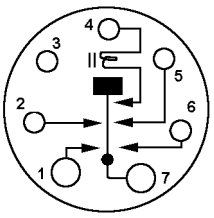
7 PIN
STANDARD TUBE

D3



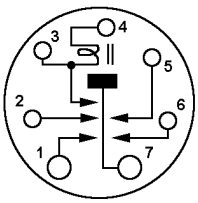
7 PIN
STANDARD TUBE

D4



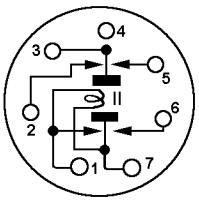
7 PIN
STANDARD TUBE

D5



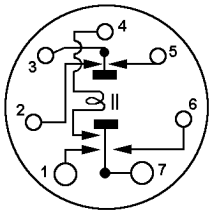
7 PIN
STANDARD

D6



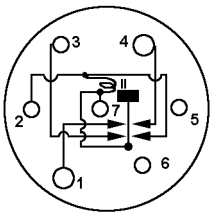
7 PIN
STANDARD TUBE

D7



7 PIN
STANDARD TUBE

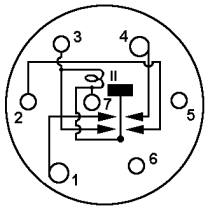
D8



NOTE: MAY OR MAY NOT HAVE
PIN NO. 5 AND NO. 6

7 PIN RMA STANDARD,
REVERSIBLE-POLARITY
VIBRATOR BASES

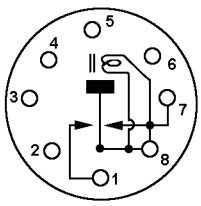
D9



NOTE: MAY OR MAY NOT HAVE
PIN NO. 5 AND NO. 6

7 PIN RMA STANDARD,
REVERSIBLE-POLARITY
VIBRATOR BASES

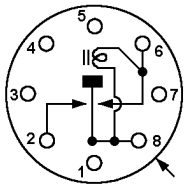
E1



NOTE: MAY HAVE LOCATING
PIN

8 PIN RMA STANDARD,
OCTAL TUBE BASE

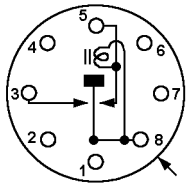
E2



NOTE: MAY HAVE LOCATING
PIN

8 PIN RMA STANDARD,
OCTAL TUBE BASE

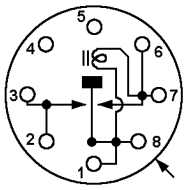
E3



NOTE: MAY HAVE LOCATING
PIN

8 PIN RMA STANDARD,
OCTAL TUBE BASE

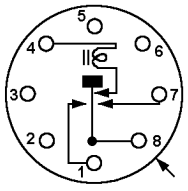
E4



NOTE: MAY HAVE LOCATING PIN

8 PIN RMA STANDARD, OCTAL TUBE BASE

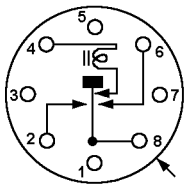
E5



NOTE: MAY HAVE LOCATING PIN

8 PIN RMA STANDARD, OCTAL TUBE BASE

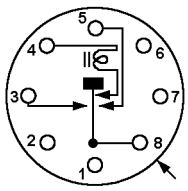
E6



NOTE: MAY HAVE LOCATING PIN

8 PIN RMA STANDARD, OCTAL TUBE BASE

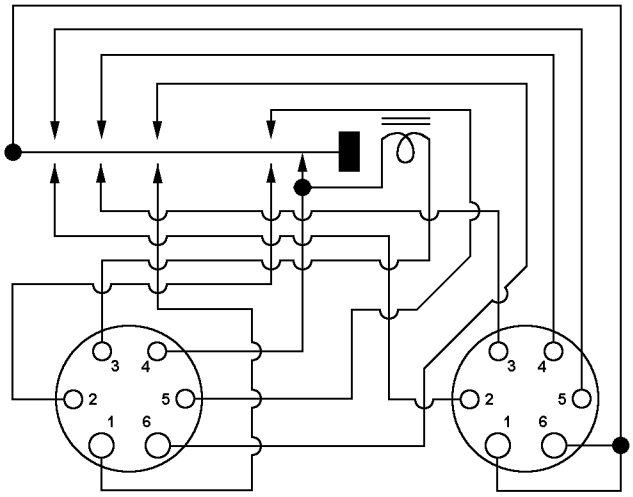
E7



NOTE: MAY HAVE LOCATING PIN

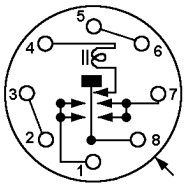
8 PIN RMA STANDARD, OCTAL TUBE BASE

F1



6 PIN DUAL BASE

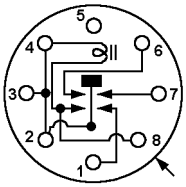
E8



NOTE: MAY HAVE LOCATING PIN

8 PIN RMA STANDARD, OCTAL TUBE BASE

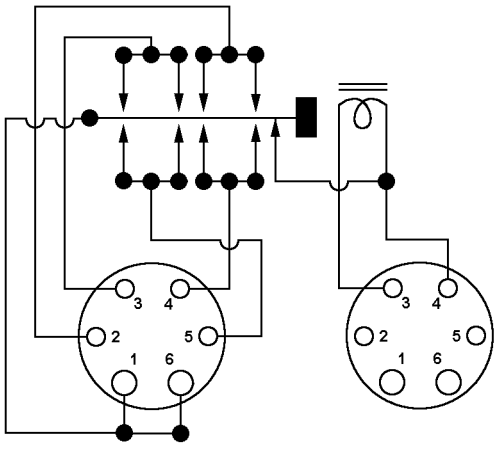
E9



NOTE: MAY HAVE LOCATING PIN

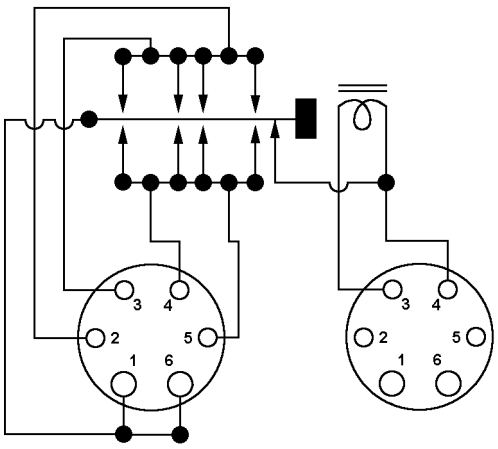
8 PIN RMA STANDARD, OCTAL TUBE BASE

F2



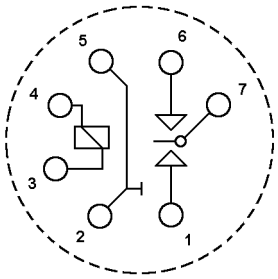
6 PIN DUAL BASE

F3



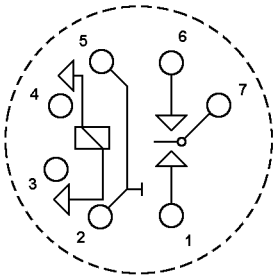
6 PIN DUAL BASE

G1 #



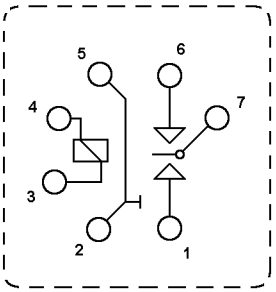
7 PIN
MINIATURE SOCKET

G2 #



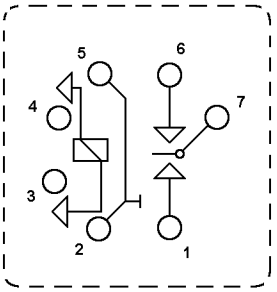
7 PIN
MINIATURE SOCKET

G3 #



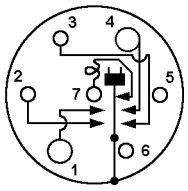
7 PIN
MINIATURE SOCKET

G4 #



7 PIN
MINIATURE SOCKET

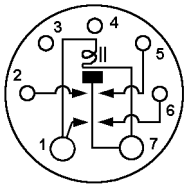
D10



NOTE: MAY OR MAY NOT HAVE PIN NO. 5 AND NO. 6

7 PIN RMA STANDARD, REVERSIBLE-POLARITY VIBRATOR BASES

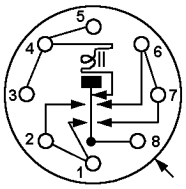
D11



NOTE: MAY OR MAY NOT HAVE PIN NO. 4

7 PIN RMA STANDARD TUBE

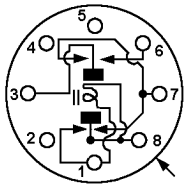
E10



NOTE: MAY HAVE LOCATING PIN

8 PIN RMA STANDARD, OCTAL TUBE BASE

E11

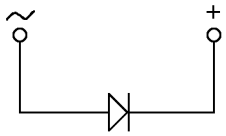
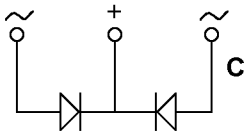
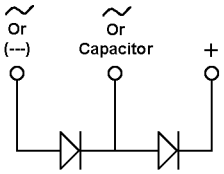
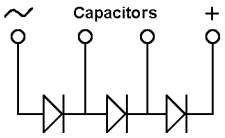
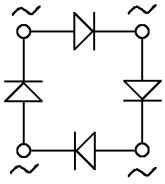


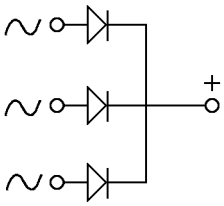
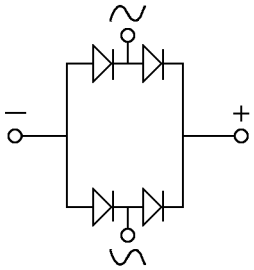
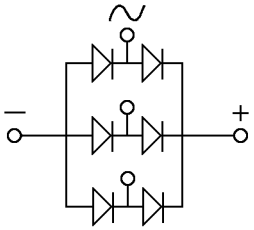
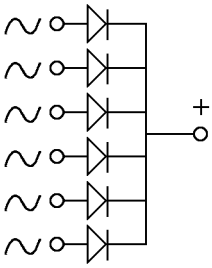
NOTE: MAY HAVE LOCATING PIN

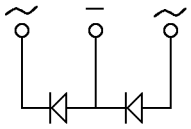
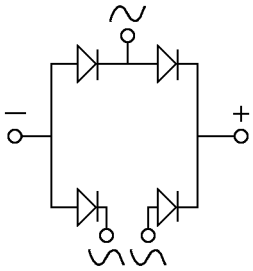
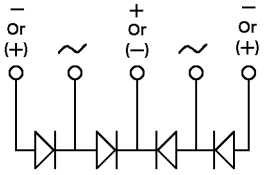
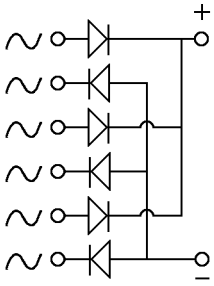
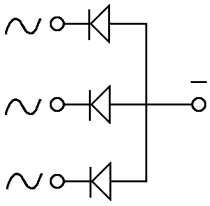
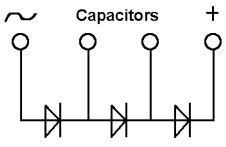
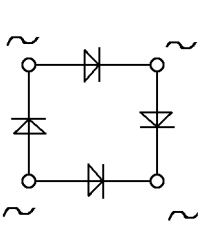
8 PIN RMA STANDARD, OCTAL TUBE BASE

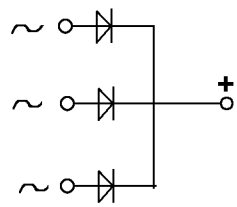
REFERENCE DRAWING GROUP C

RECTIFIER CIRCUITS

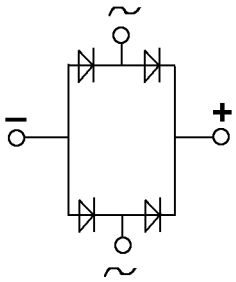
SCHEMATIC	CIRCUIT DESIGNATION	PHASE	TYPE OF RECTIFICATION
	HALF-WAVE	1	HALF-WAVE
	CENTER TAP	1	FULL-WAVE
	DOUBLER	1	HALF-WAVE & FULL-WAVE
	TRIPLER	1	HALF-WAVE
	RING	1	RING MODULATOR

SCHEMATIC	CIRCUIT DESIGNATION	PHASE	TYPE OF RECTIFICATION
	HALF-WAVE	3	HALF-WAVE
	BRIDGE	1	FULL-WAVE
	BRIDGE	3	FULL-WAVE
	CENTER TAP	3	FULL-WAVE

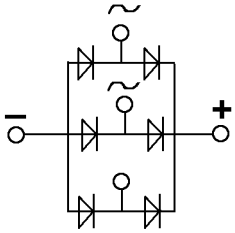
SCHEMATIC	CIRCUIT DESIGNATION	PHASE	TYPE OF RECTIFICATION
	INVERTED CENTER TAP	1	FULL-WAVE
	MAGNETIC AMPLIFIER BRIDGE	1	FULL-WAVE
	OPEN BRIDGE	1	FULL-WAVE
	MAGNETIC AMPLIFIER OPEN BRIDGE	3	FULL-WAVE
	INVERTED HALF-WAVE	3	HALF-WAVE
	Tripler	1	Half-wave
	Ring	1	Ring Modulator



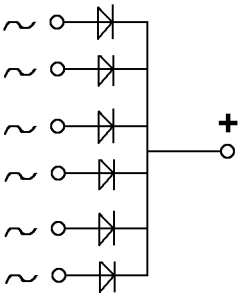
Half-wave	3	Half-wave



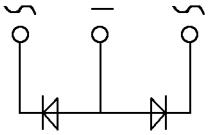
Bridge	1	Full-wave



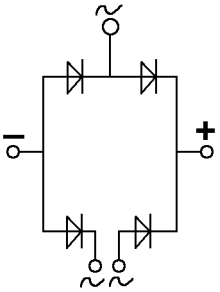
Bridge	3	Full-wave



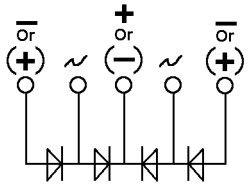
Center Tap	3	Full-wave



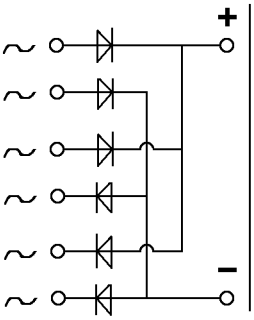
Inverted Center Tap	1	Full-wave



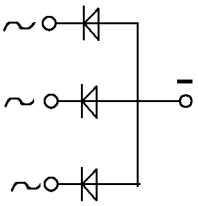
Magnetic Amplifier Bridge	1	Full-wave



Open Bridge	1	Full-wave



Magnetic Amplifier Open Bridge	3	Full-wave



Inverted Half-wave	3	Half-wave

Technical Data Tables

STANDARD FRACTION TO DECIMAL CONVERSION CHART

4ths	8ths	16ths	32nds	64ths	To 3	To 4	4ths	8ths	16ths	32nds	64ths	To 3	To 4
				1/64	.016	.0156					33/64	.516	.5156
			1/32	-----	.031	.0312				17/32	------	.531	.5312
				3/64	.047	.0469					35/64	.547	.5469
		1/16	-----		.062	.0625			9/16	-----	-----	.562	.5625
				5/64	.078	.0781					37/64	.578	.5781
			3/32	-----	.094	.0938				19/32	------	.594	.5938
				7/64	.109	.1094					39/64	.609	.6094
	1/8	-----	-----	-----	.125	.1250		5/8	-----	-----	-----	.625	.6250
				9/64	.141	.1406					41/64	.641	.6406
			5/32	-----	.156	.1562				21/32	------	.656	.6562
				11/64	.172	.1719					43/64	.672	.6719
		3/16	-----	-----	.188	.1875			11/16	-----	-----	.688	.6875
				13/64	.203	.2031					45/64	.703	.7031
			7/32	------	.219	.2188				23/32	------	.719	.7188
				15/64	.234	.2344					47/64	.734	.7344
1/4	-----	-----	-----	-----	.250	.2500	3/4	-----	-----	-----	-----	.750	.7500
				17/64	.266	.2656					49/64	.766	.7656
			9/32	------	.281	.2812				25/32	------	.781	.7812
				19/64	.297	.2969					51/64	.797	.7969
		5/16	-----	-----	.312	.3125			13/16	-----	-----	.812	.8125
				21/64	.328	.3281					53/64	.828	.8281
			11/32	------	.344	.3438				27/32	------	.844	.8438
				23/64	.359	.3594					55/64	.859	.8594
	3/8	-----	-----	-----	.375	.3750		7/8	-----	-----	-----	.875	.8750
				25/64	.391	.3906					57/64	.891	.8906
			13/32	------	.406	.4062				29/32	------	.906	.9062
				27/64	.422	.4219					59/64	.922	.9219
		7/16	-----	-----	.438	.4375			15/16	-----	-----	.938	.9375
				29/64	.453	.4531					61/64	.953	.9531
			15/32	------	.469	.4688				31/32	------	.969	.9688
				31/64	.484	.4844					63/64	.984	.9844
					.500	.5000						1.000	1.0000

IDENTIFIED SECONDARY ADDRESS CODING (I/SAC)

When the item includes a self-contained power source and the item is also designed for operation from an external power source, the external power source is considered alternate operating. Under this condition reply only alternate operating.

When the item is powered by external power source(s) only reply operating. When the item is powered solely by internal batteries, these batteries do not constitute a self-contained power source but are considered operating.

If you have more than one reply to the same MRC in any series, use I/SAC coding from Table below to identify the series, then AND/OR ($$/$) Coding for Replies. For example: ALTERNATE OPERATING POWER EQUIPMENT shows AC Voltage 110V, 115V, 120V code as ACYN1AJVA110.0$$JVA115.0$$JVA120.0*

ACYN1AJVA110.0$$JVA115.0$$JVA120.0*

IDENTIFIED SECONDARY ADDRESS CODING (I/SAC) for MRCs ACYN, ACZB, FAAZ, ACYR, and ALSF.

REPLY CODE	REPLY (0360)
1A	1ST ALTERNATE OPERATING POWER RQMT
1M	1ST OPERATING POWER RQMT
1B	2ND ALTERNATE OPERATING POWER RQMT
1N	2ND OPERATING POWER RQMT
1C	3RD ALTERNATE OPERATING POWER RQMT
1P	3RD OPERATING POWER RQMT
1D	4TH ALTERNATE OPERATING POWER RQMT
1Q	4TH OPERATING POWER RQMT
1E	5TH ALTERNATE OPERATING POWER RQMT
1R	5TH OPERATING POWER RQMT
1F	6TH ALTERNATE OPERATING POWER RQMT
1S	6TH OPERATING POWER RQMT
1G	7TH ALTERNATE OPERATING POWER RQMT
1T	7TH OPERATING POWER RQMT

REPLY CODE	REPLY (0360)
1H	8TH ALTERNATE OPERATING POWER RQMT
1U	8TH OPERATING POWER RQMT
1J	9TH ALTERNATE OPERATING POWER RQMT
1V	9TH OPERATING POWER RQMT
1K	10TH ALTERNATE OPERATING POWER RQMT
1W	10TH OPERATING POWER RQMT
1L	11TH ALTERNATE OPERATING POWER RQMT
1X	11TH OPERATING POWER RQMT

OUNCE TO DECIMAL OF A POUND CONVERSION CHART

OUNCES	POUNDS
1	0.062
2	0.125
3	0.188
4	0.250
5	0.312
6	0.375
7	0.438
8	0.500
9	0.562
10	0.625
11	0.688
12	0.750
13	0.812
14	0.875
15	0.938
16	1.000

FIIG Change List

FIIG Change List, Effective September 3, 2010

This change replaced with ISAC or and/or coding.